

FIG. 1

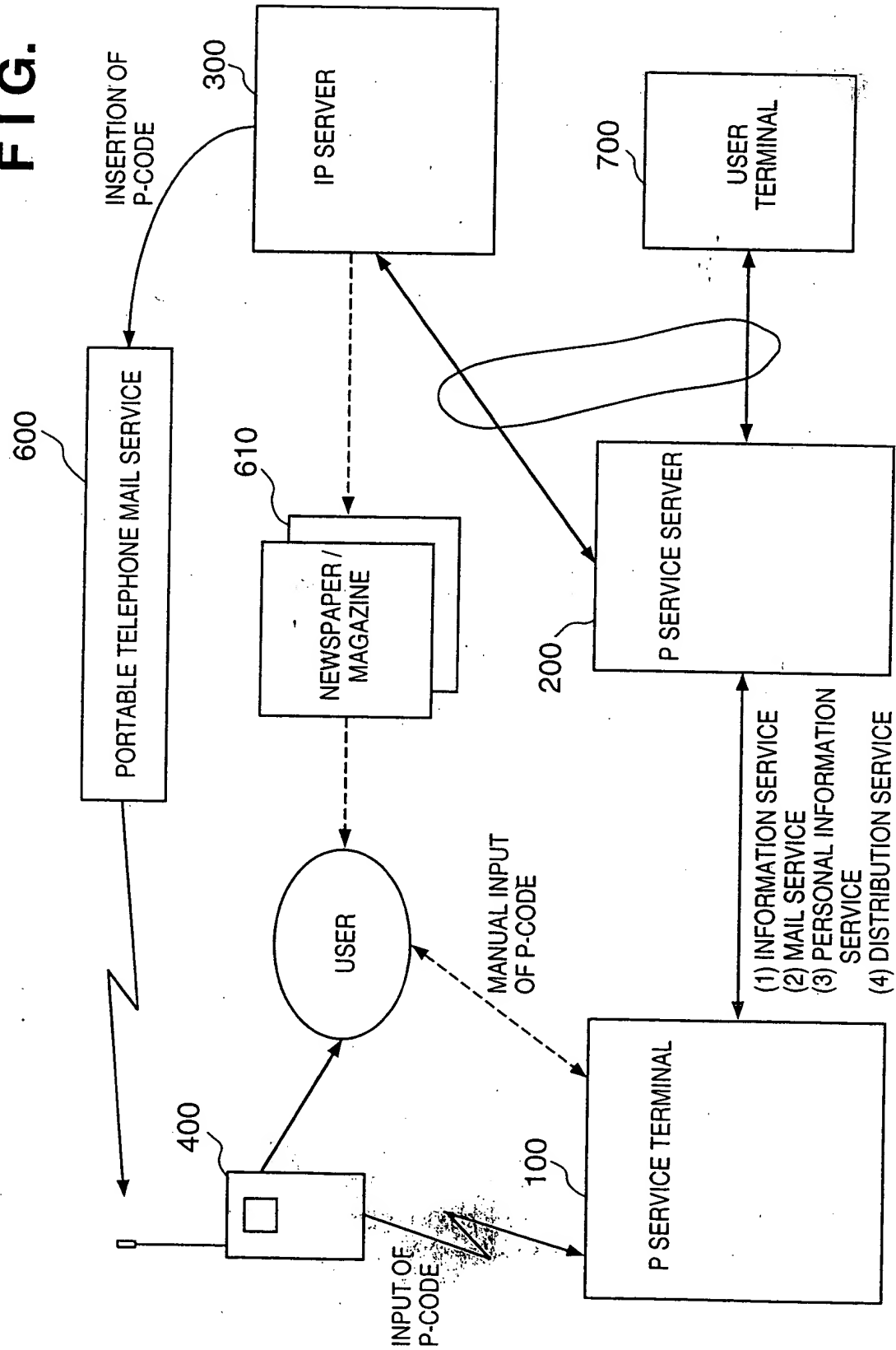
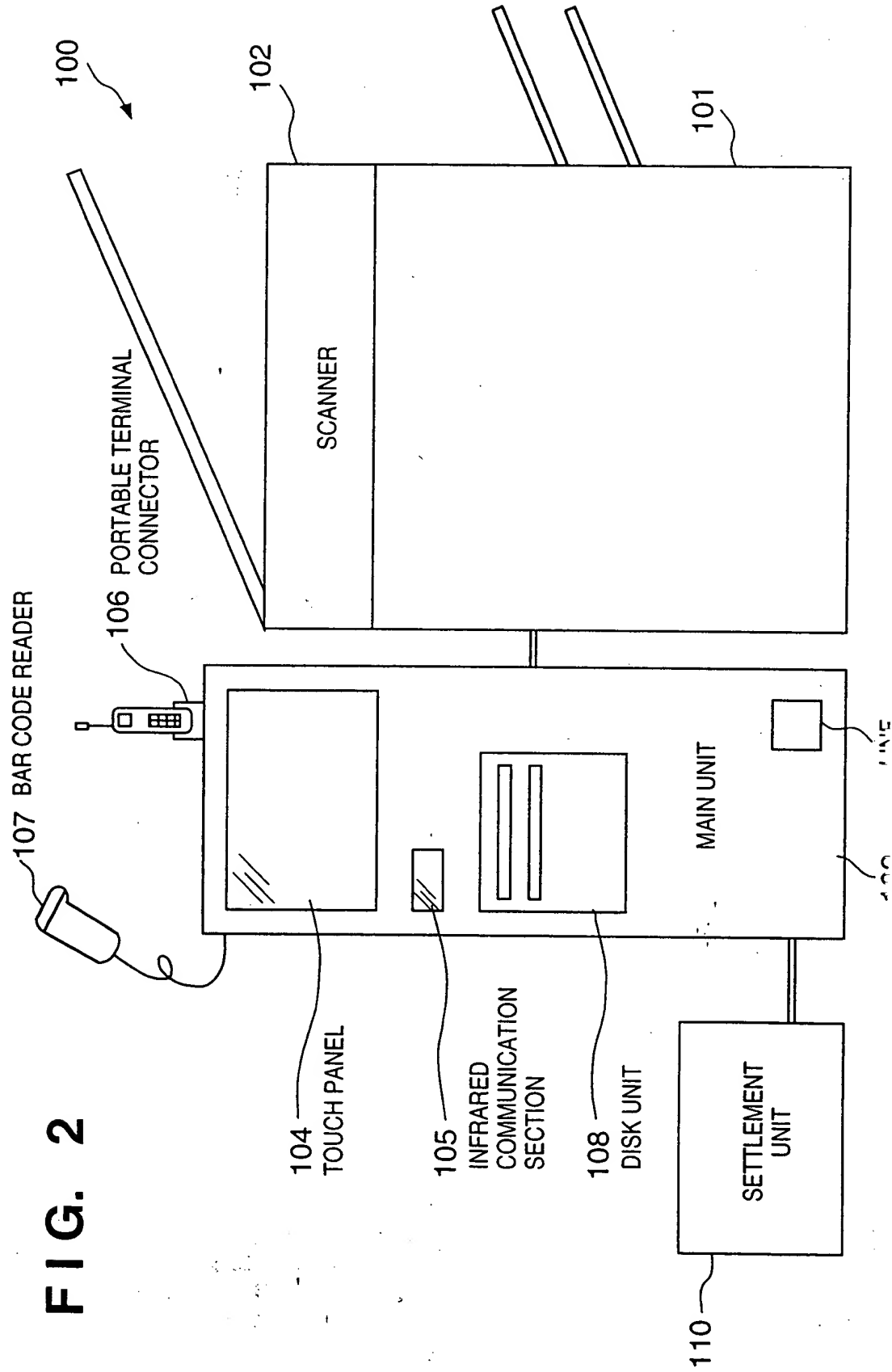


FIG. 2



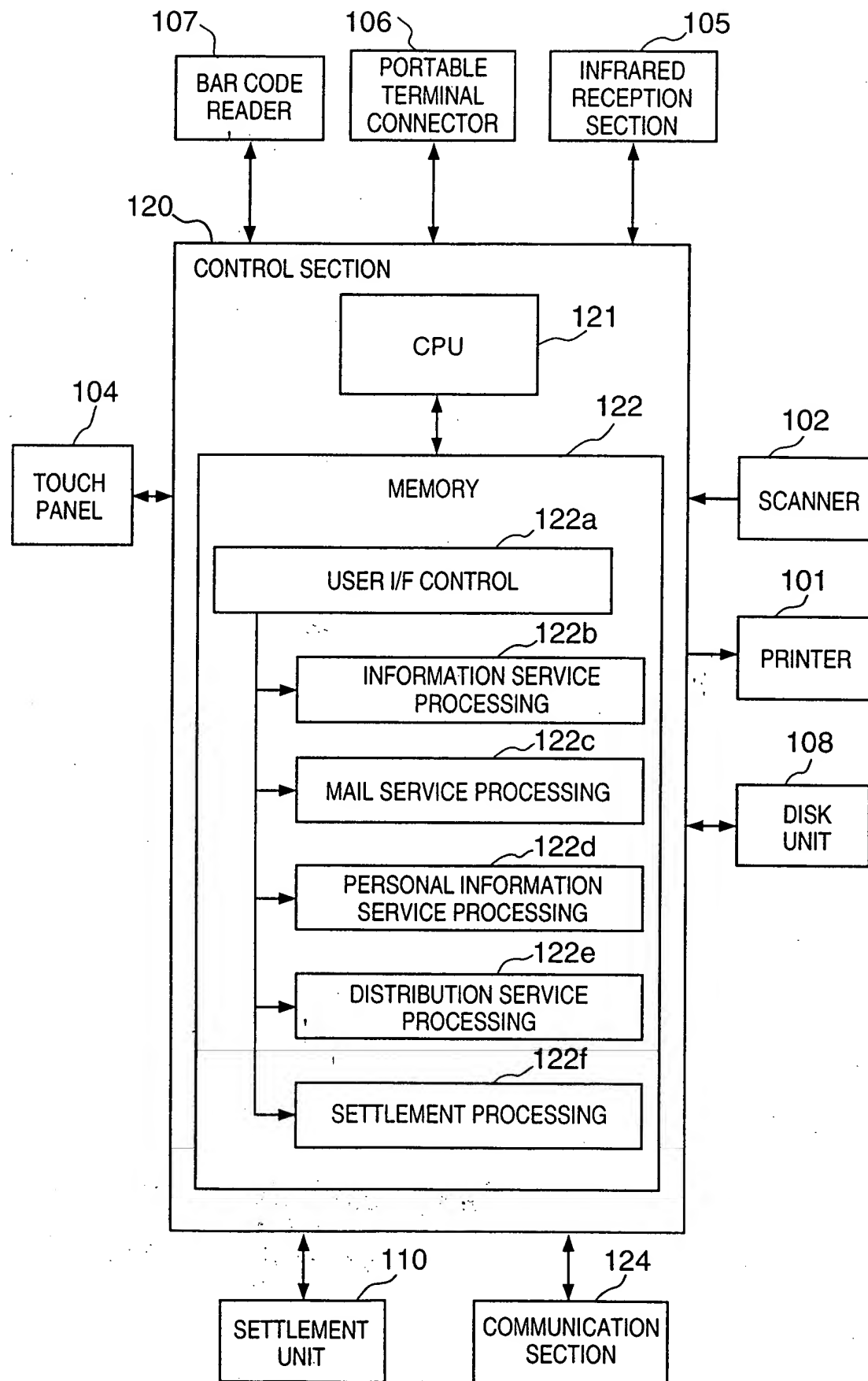


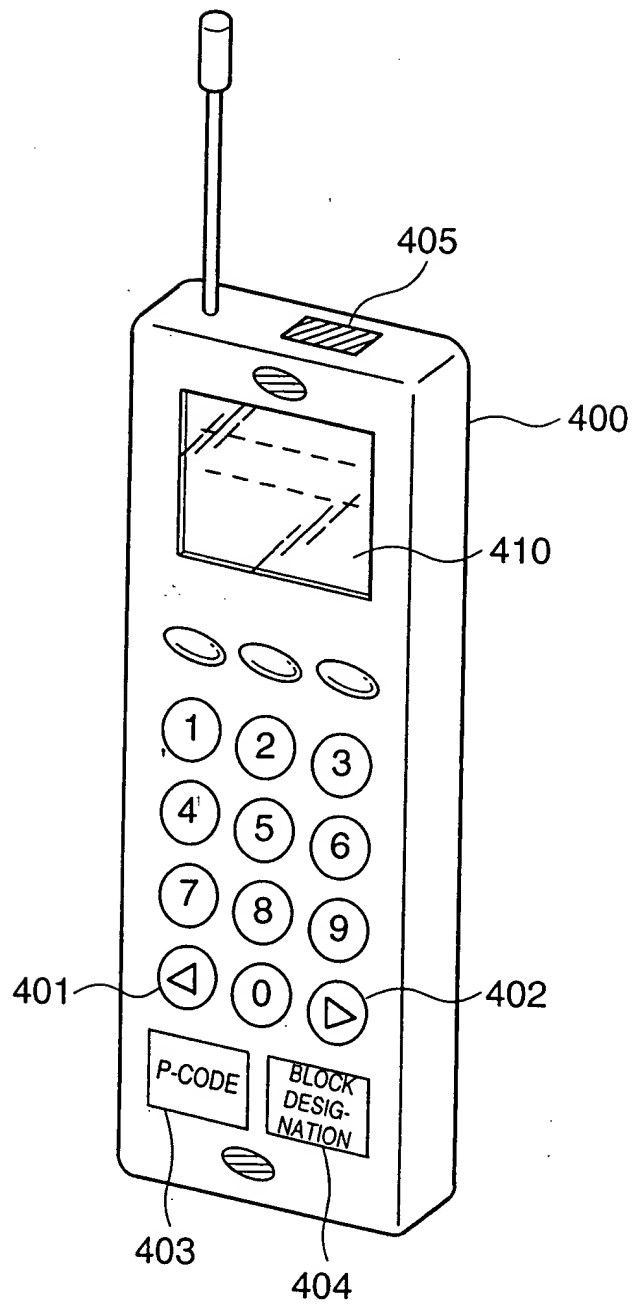
FIG. 4

FIG. 5

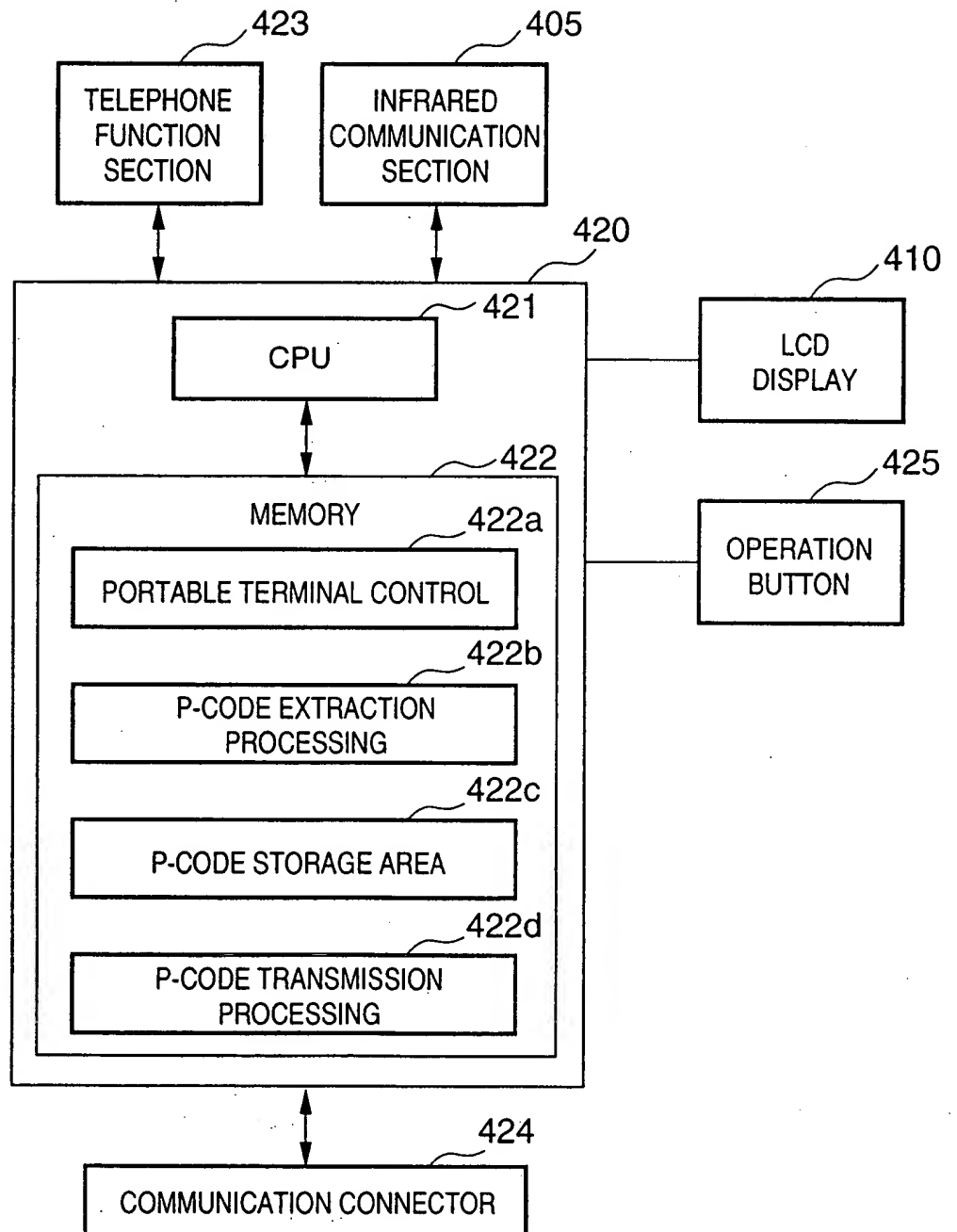


FIG. 6

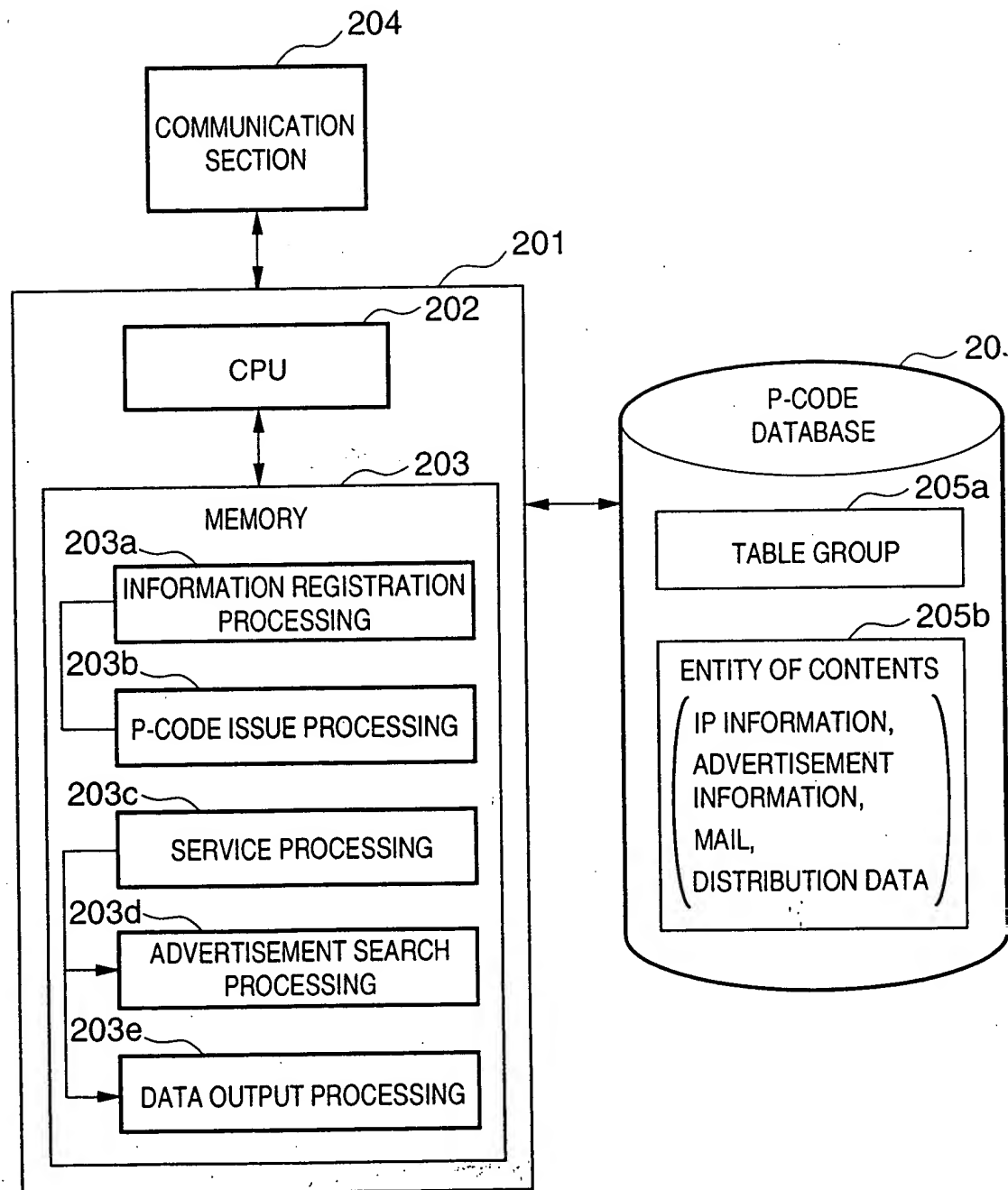


FIG. 7

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IP INFORMATION REGISTRATION TABLE			
P-CODE	IDENTIFICATION SECTION	PARENT CODE SECTION FLAG REPRESENTING WHETHER Sub-code IS PRESENT Sub-code SECTION LINK	LINKED P-CODE REGISTERED, USABLE, SUSPENDED, ABOLISHED FOR INFORMATION WITH REGIONAL CHARACTERISTICS
	BASIC PROPERTIES	OWNER ID TITLE SUBTITLE (SUMMARY) STATUS PRICE OF INFORMATION SIZE ADVERTISEMENT INSERTION ENABLE / DISABLE CONDITION PASSWORD FOR INFORMATION DATA OF START OF INFORMATION INSERTION TERM OF INFORMATION VALID DATES OF CODE MINIMUM ENLARGEMENT LIMIT VALUE MINIMUM REDUCTION LIMIT VALUE GENRE SUBGENRE REGION CODE KEYWORD LIST KEYWORD WEIGHT LIST	
	FRAME INFORMATION	P-CODE	
	NONLINK INFORMATION	P-CODE LINKED TO THIS INFORMATION	
	ENTITY FILE INFORMATION	NUMBER OF FILES FILE NAME (LIST CORRESPONDING TO NUMBER OF FILES)	

FIG. 8

ADVERTISEMENT INFORMATION TABLE			
P-CODE	ADVERTISEMENT PROPERTIES	OWNER ID	TYPE OF LINK METHOD TARGET KEYWORD LIST TARGET KEYWORD WEIGHT LIST
		DATE OF START OF ADVERTISEMENT TERM OF ADVERTISEMENT LINK INFORMATION TO IP INFORMATION	
		SIZE OF ADVERTISEMENT PORTRAIT/LANDSCAPE ADVERTISEMENT SIZE ADJUSTMENT METHOD SETTING OF ADVERTISEMENT INSERTION POSITION UPPER LIMIT OF AMOUNT ADVERTISEMENT PRICE INFORMATION (UNIT PRICE) UPPER LIMIT OF PRINTING COUNT CURRENT PRINTING COUNT	
	LINK	P-CODE	
	ENTITY FILE INFORMATION	NUMBER OF FILES FILE NAME (LIST CORRESPONDING TO NUMBER OF FILES)	

USER INFORMATION TABLE

P-CODE OF USER (TELEPHONE NUMBER)	USER PROFILE	FIG. 9	
		POSTAL CODE ADDRESS TYPE OF SERVICE TO USE NAME OF COMPANY BUSINESS CATEGORY ID BUSINESS CATEGORY (OTHERS) NAME OF DEPARTMENT / SECTION POST JOB PRINTING PAPER INFORMATION	PRIORITY FOR LAYOUT PAPER SIZE DIRECTION OF PAPER AMOUNT OF ADVERTISEMENT (e.g., USE OF LOWER SURFACE)
		BIRTHDAY / BLOOD TYPE / SEX FINAL SCHOOL CARRIER / OCCUPATION ID / OCCUPATION (OTHERS) MARRIED / SINGLE / NUMBER OF FAMILY NUMBERS / INCOME / AMOUNT OF SAVING HOUSE IN POSSESSION OR NOT / CAR / PISTON DISPLACEMENT / MODEL MOTORCYCLE / PISTON DISPLACEMENT / MODEL CURRENT PET / DESIRED PET HOBBY / MUSIC / MOVIE SPECTATOR SPORTS / SPORTS / FISHING GENRE OF INTEREST (DESIRED INFORMATION) (ID LIST)	
	PERSONAL INFORMATION TABLE	TO ANOTHER DB	
	MAIL SERVICE INFORMATION	NUMBER OF MAIL MESSAGES MAXIMUM ENLARGEMENT LIMIT VALUE MINIMUM REDUCTION LIMIT VALUE P-CODE LIST (NUMBER CORRESPONDING TO NUMBER OF MAIL MESSAGES)	
	DISTRIBUTION SERVICE INFORMATION	NUMBER OF REGISTERED DATA P-CODE LIST (NUMBER CORRESPONDING TO NUMBER OF DISTRIBUTED DATA)	
	PERSONAL INFORMATION SERVICE INFORMATION	NUMBER OF FRAME DATA P-CODE LIST (NUMBER CORRESPONDING TO NUMBER OF FRAME DATA)	

FIG. 10

MAIL SERVICE P-CODE TABLE

P-CODE (TELEPHONE NUMBER#NUMBER)	PROPERTIES OF MAIL	SUBJECT SENDER DATE AND TIME OF TRANSMISSION
	ENTITY FILE INFORMATION	NUMBER OF FILES (INCLUDING ATTACHED FILE) FILE NAME (LIST CORRESPONDING TO NUMBER OF FILES)

FIG. 11

DISTRIBUTION SERVICE P-CODE TABLE

P-CODE (TELEPHONE NUMBER-NUMBER)	PROPERTIES OF REGISTERED INFORMATION	TITLE * DATE OF INFORMATION REGISTRATION VALID DATES OF INFORMATION PASSWORD (PASSWORD) FOR INFORMATION
	ENTITY FILE INFORMATION	NUMBER OF FILES (INCLUDING ATTACHED FILE) FILE NAME (LIST CORRESPONDING TO NUMBER OF FILES)

OFFICIAL RECORD

FIG. 12

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PERSONAL INFORMATION SERVICE P-CODE TABLE

P-CODE TELEPHONE NUMBER#NUMBER)	PROPERTIES OF PERSONAL P-CODE INFORMATION	TITLE DATE OF FINAL PRINTING PRINTING PAPER INFORMATION	PRIORITY FOR LAYOUT PAPER SIZE DIRECTION OF PAPER AMOUNT OF ADVERTISEMENT (e.g., USE OF LOWER SURFACE)	
			NUMBER OF REGISTERED P-CODES P-CODE LIST (INDICATING FRAME)	
	REGISTERED P-CODE INFORMATION			

CONFIDENTIAL

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FIG. 13

PERSONAL INFORMATION TABLE								
USER-ID	PHONETIC TRANSCRIPTION (LAST NAME) PHONETIC TRANSCRIPTION (FAMILY NAME) NAME (FAMILY NAME) NAME (FIRST NAME) NAME (MIDDLE NAME) POSTAL CODE ADDRESS TELEPHONE NUMBER FAX NUMBER PORTABLE TELEPHONE NUMBER E-MAIL ADDRESS PASSWORD NAME OF COMPANY BUSINESS CATEGORY ID BUSINESS CATEGORY (OTHERS) NAME OF DEPARTMENT / SECTION POST JOB POSTAL CODE OF COMPANY ADDRESS OF COMPANY TELEPHONE NUMBER OF COMPANY FAX NUMBER OF COMPANY PAYER INFORMATION USE DISK AREA INFORMATION CHARGE RECORD	<table><tr><td></td><td>PRIORITY FOR LAYOUT PAPER SIZE DIRECTION OF PAPER AMOUNT OF ADVERTISEMENT (e.g., USE OF LOWER SURFACE)</td></tr><tr><td colspan="2">CREDIT CARD COMPANY FOR SETTLEMENT CARD NUMBER VALID DATES OF CARD</td></tr><tr><td colspan="2"></td></tr></table>		PRIORITY FOR LAYOUT PAPER SIZE DIRECTION OF PAPER AMOUNT OF ADVERTISEMENT (e.g., USE OF LOWER SURFACE)	CREDIT CARD COMPANY FOR SETTLEMENT CARD NUMBER VALID DATES OF CARD			
	PRIORITY FOR LAYOUT PAPER SIZE DIRECTION OF PAPER AMOUNT OF ADVERTISEMENT (e.g., USE OF LOWER SURFACE)							
CREDIT CARD COMPANY FOR SETTLEMENT CARD NUMBER VALID DATES OF CARD								

00000000000000000000

FIG. 14

OWNER INFORMATION TABLE		SAME AS PERSONAL INFORMATION TABLE	
USER-ID		NAME OF COMPANY / NAME POSTAL CODE OF COMPANY ADDRESS OF COMPANY TELEPHONE NUMBER OF COMPANY FAX NUMBER OF COMPANY E-MAIL ADDRESS OF PERSON IN CHARGE PASSWORD BUSINESS CATEGORY ID BUSINESS CATEGORY (OTHERS) NAME OF DEPARTMENT / SECTION PAYER INFORMATION USE DISK AREA INFORMATION CHARGE RECORD	
			BANK OF PAYER BANK ACCOUNT OF PAYER CONTRACT TERM

FIG. 15

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TERMINAL INFORMATION TABLE

TERMINAL ID	<p>OWNER ID</p> <p>REGION INFORMATION</p> <p>TYPE OF TERMINAL</p> <p>REGION INFORMATION</p> <p>VERSION OF TERMINAL</p> <p>VERSION OF TERMINAL SOFTWARE</p> <p>TERMINAL INPUT DEVICE INFORMATION</p> <p>CAPACITY OF TERMINAL STORAGE DEVICE</p> <p>TERMINAL OUTPUT DEVICE INFORMATION</p> <p>LANGUAGE</p> <p>PRINTING ABILITY</p> <p>TERMINAL STATE INFORMATION</p>	<p></p> <p>COUNTRY</p> <p>ADDRESS</p> <p></p> <p>PAPER SIZE</p> <p>DOUBLE SIDE / ONE SIDE</p> <p>COLOR / MONOCHROME</p> <p>PRINTING SPEED</p> <p>FONT</p> <p>PRINTING SPOOL STATE</p> <p>INFORMATION OF REMAINING CAPACITY OF STORAGE DEVICE</p> <p>P-CODE CACHE STATE</p>
-------------	--	--

FIG. 16

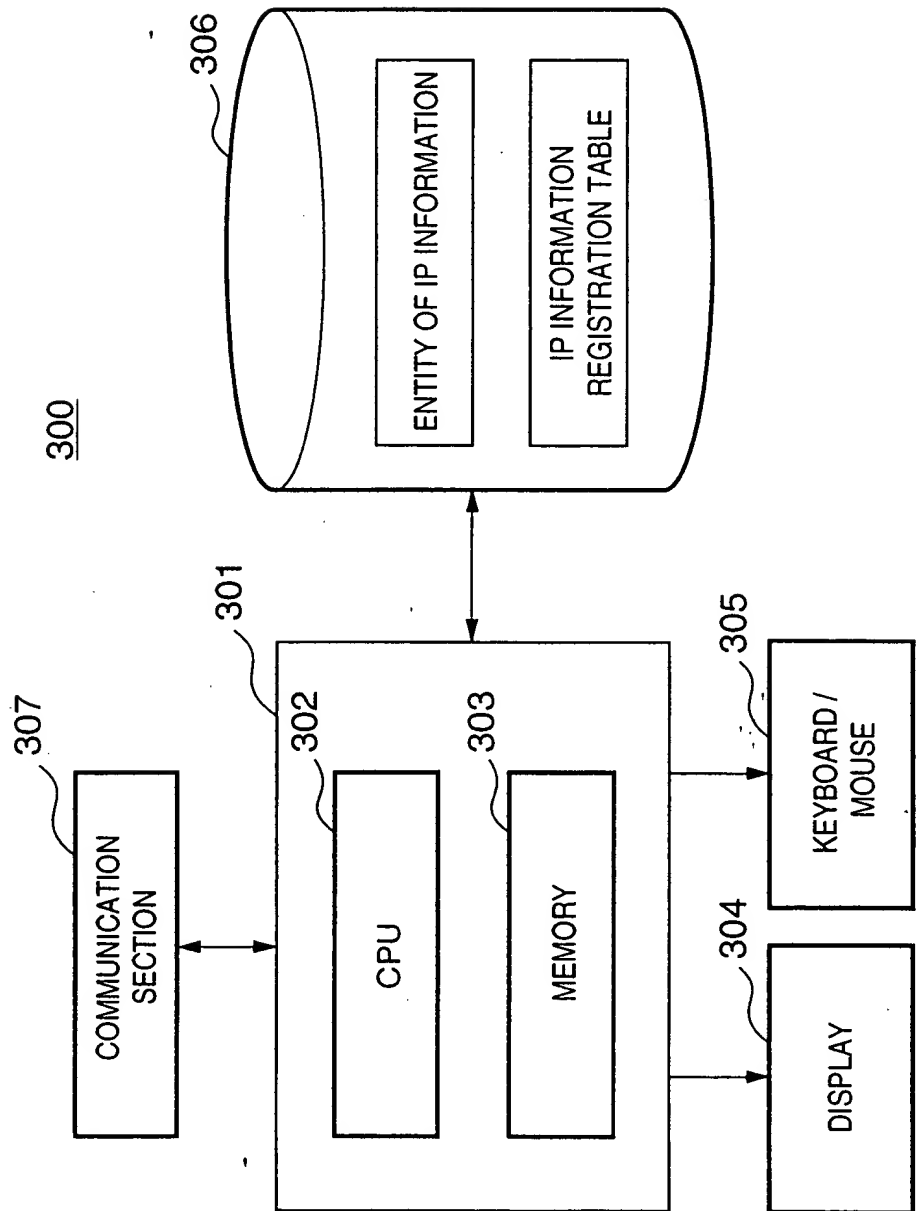
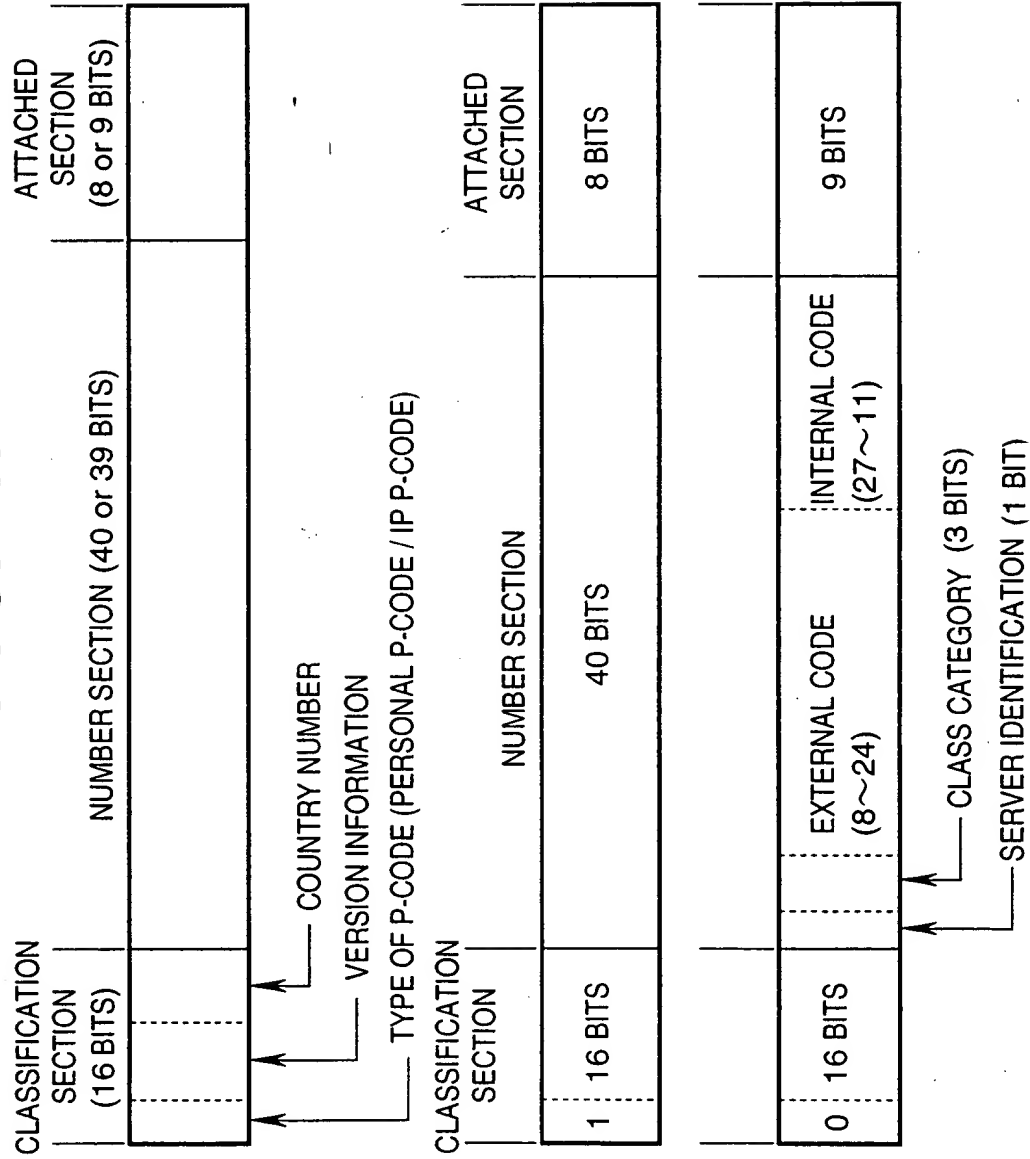
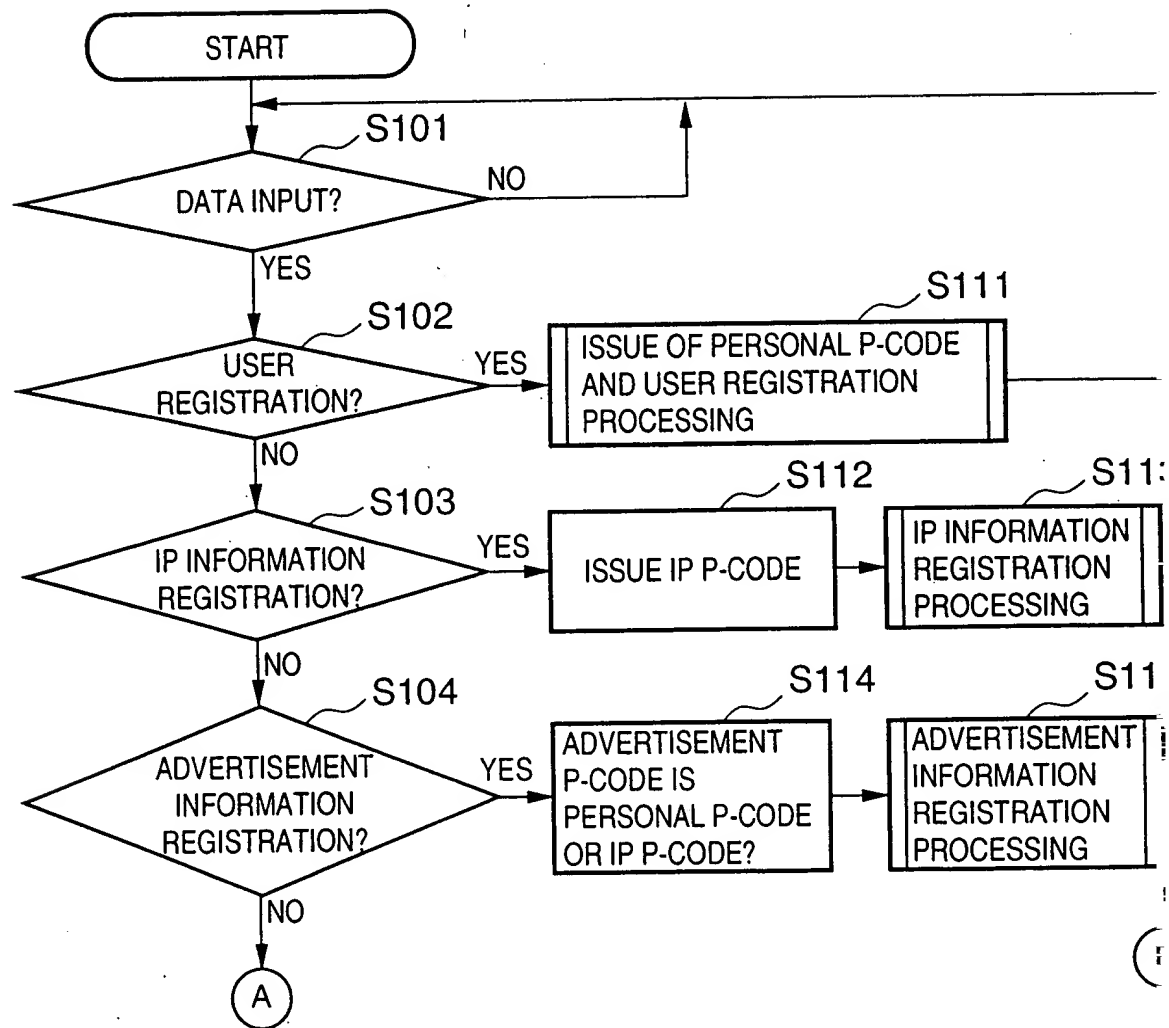


FIG. 17



Bit	CONTENTS OF P-CODE				
1	0 : INFORMATION P-CODE (BIT REPRESENTING WHETHER P-CODE IS TELEPHONE CODE)				
2 3 4 5 6 7 8	VERSION BITS (7 BITS)				
9 10 11 12 13 14 15 16	COUNTRY NUMBER IDENTIFICATION BITS (8 BITS) (NORMALLY NOT INPUT BY USER)				
17	CanDI SERVER IDENTIFICATION BIT (= 1 : CanDI SERVER)				
18 19 20	IP SCALE IDENTIFICATION BITS (3 BITS) (=1 : MINIMAL SCALE, = 2 : SMALL SCALE, = 3 : MEDIUM SCALE, = 4 : LARGE SCALE, = 5 : MAXIMAL SCALE)				
21 22 23 24 25 26 27 28	SITE IDENTIFICATION BITS (24 BITS) (FOR IP IN MINIMAL SCALE), NUMBER OF REGISTER-ABLE IPS IS 16,000,000	SITE IDENTIFICATION BITS (20 BITS) (FOR IP IN SMALL SCALE), NUMBER OF REGISTER-ABLE IPS IS 1,048,575	SITE IDENTIFICATION BITS (16 BITS) (FOR IP IN MEDIUM SCALE), NUMBER OF REGISTER-ABLE IPS IS 65,535	SITE IDENTIFICATION BITS (12 BITS) (FOR IP IN LARGE SCALE), NUMBER OF REGISTER-ABLE IPS IS 2,047	SITE IDENTIFICATION BITS (8 BITS) (FOR IP IN MAXIMAL SCALE AND CanDI SERVER), THE MAXIMUM NUMBER OF REGISTER-ABLE IPS IS 256
29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44	INDIVIDUAL INFORMATION ID BITS (11 BITS), EACH IP CAN REGISTER UP TO ABOUT 2,047 PIECES OF INFORMATION				
45 46 47 48 49 50 51 52 53 54 55	INDIVIDUAL INFORMATION ID BITS (15 BITS), EACH IP CAN REGISTER UP TO ABOUT 32,767 PIECES OF INFORMATION				
56 57 58 59 60 61 62 63 64	SURFIX (9 BITS), 512 PIECES AT MAXIMUM				
					TYPE OF SURFIX (3 BITS), 7 TYPES AT MAXIMUM
					SURFIX (5 BITS), 31 PIECES AT MAXIMUM

FIG. 19



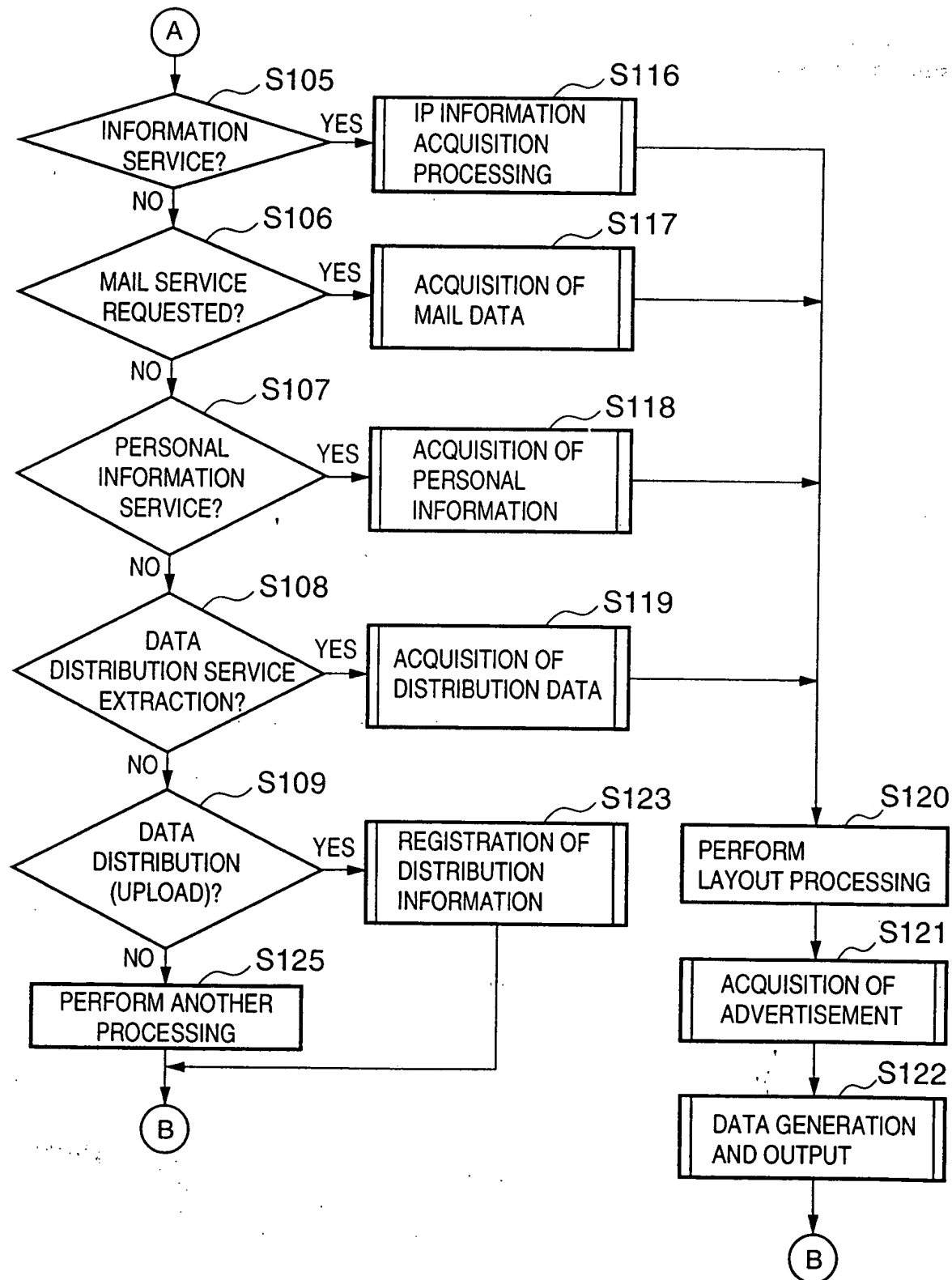


FIG. 21

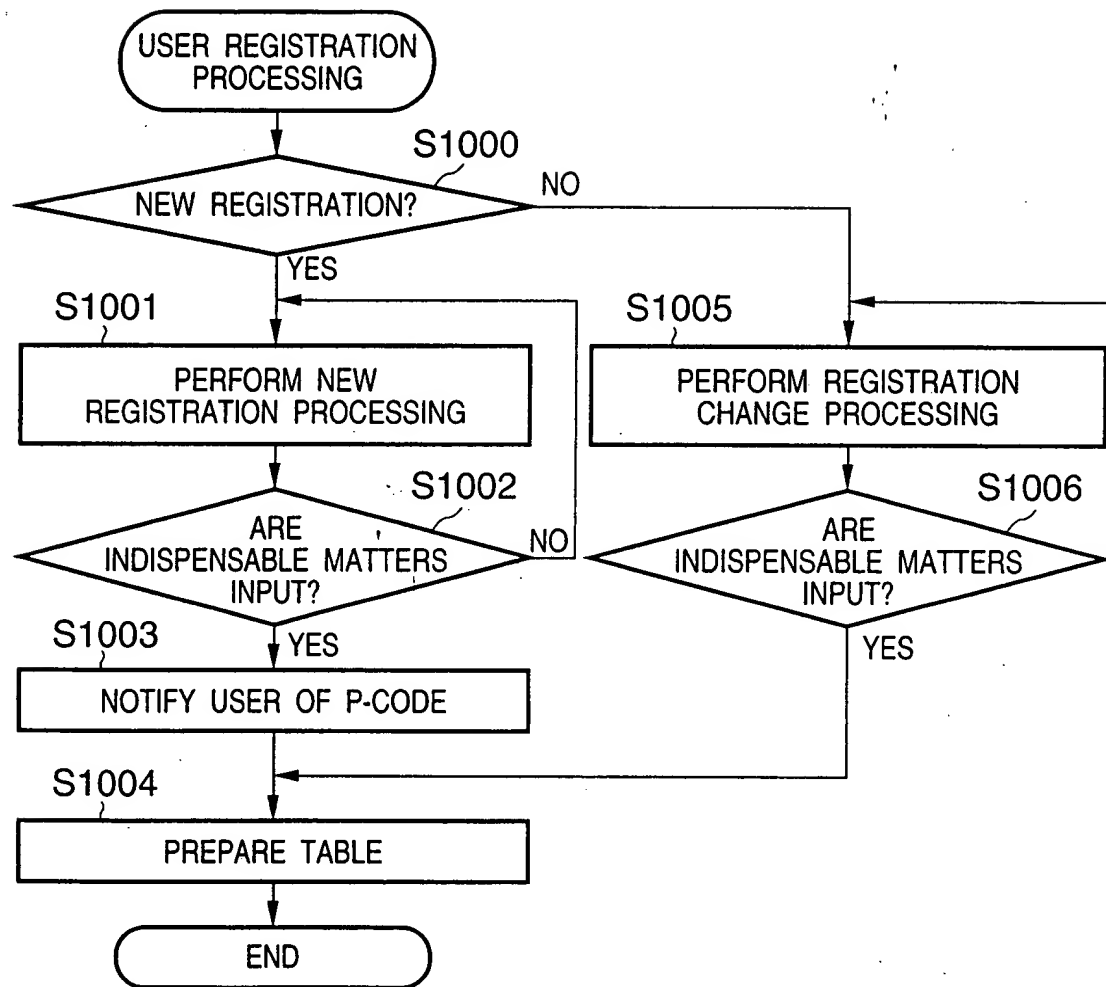


FIG. 22

USER ID : NEW REGISTRATION

1000	NAME / ADDRESS (<u>N</u>)	PASSWORD (<u>P</u>)	1010
1020	PLACE OF EMPLOYMENT (<u>A</u>)	CREDIT CARD (<u>C</u>)	1030
1040	SERVICE (<u>S</u>)	PERSONAL INFORMATION (<u>U</u>)	1050
1060	PERSONAL INFORMATION 2 (<u>D</u>)	DESIRED INFORMATION (<u>T</u>)	1070
1080	PRINTING PAPER (<u>Q</u>)	FAVORITE INFORMATION REGISTRATION (<u>R</u>)	1090

OK CANCEL

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FIG. 23

PHONETIC
TRANSCRIPTION (K):

KOSUGI

TARO

NAME (N):

KOSUGI

TARO

HOME

POSTAL CODE (Z):

211

-

0000

ADDRESS (A):

10-2, 5-CHOME, KAWASAKI-SHI, TOKYO

TELEPHONE
NUMBER (T):

-

-

FAX NUMBER (F):

-

-

PORTABLE TELEPHONE
NUMBER (C):

090

-

0289

-

2345

E-MAIL ADDRESS (E):

kosugi@canon

OK

CANCEL

FIG. 24

USER ID : NEW REGISTRATION MEMBER

PASSWORD (P):

PASSWORD (FOR CONFIRMATION) (Q):

OK CANCEL

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FIG. 25

PLACE OF EMPLOYMENT		
NAME OF COMPANY (C):	CANON INC.	
BUSINESS CATEGORY (K):	MANUFACTURING <input type="checkbox"/>	OTHERS <input type="checkbox"/>
NAME OF DEPARTMENT / SECTION (D):	MA PROJECT	
POST (&P):	SECTION MANAGER	JOB (B): TECHNICAL EMPLOYEE
POSTAL CODE (Z):	211	0000
ADDRESS (A):	1-2-5, YAMASHITA-CHO, CHUO-KU, KAWASAKI-SHI	
TELEPHONE NUMBER (T):	044	- -
FAX NUMBER (F):	-	-
OK CANCEL		

FIG. 26

CREDIT CARD INFORMATION

CARD COMPANY

☐ VISA (V) ☐ MasterCard (M) ☐ AmericanExpress (A)

☐ JCB (J) ☒ DC (D)

CARD NUMBER (N): - - -

VALID DATES (P): /

OK CANCEL

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FIG. 27

SELECT SERVICE

☒ MAIL SERVICE (M)

☒ PERSONAL INFORMATION SERVICE (P)

☐ DISTRIBUTION SERVICE (R)

OK CANCEL

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FIG. 28

DATE OF BIRTH (B):		99/04/01	BLOOD TYPE (L):	A
SEX (S):		<input checked="" type="radio"/> MALE <input type="radio"/> FEMALE		
FINAL SCHOOL CARRIER (G):		UNIVERSITY/GRADUATE SCHOOL		
OCCUPATION (O):		TECHNICAL EMPLOYEE	OTHERS»	
MARRIED/SINGLE (M):		<input checked="" type="radio"/> SINGLE <input type="radio"/> MARRIED	NUMBER OF FAMILY MEMBERS (A):	ONE
INCOME (I):		¥ 3,000,000 TO ¥ 5,000,000	AMOUNT OF SAVING (F):	¥ 1,000,000 OR LESS
			OK	CANCEL

FIG. 29

HOUSE (P)	<input type="radio"/> DETACHED HOUSE <input checked="" type="radio"/> APARTMENT HOUSE <input type="radio"/> RENTAL HOUSE		
	<input type="radio"/> COMPANY HOUSE / DORMITORY <input type="radio"/> HOUSE OWNED BY RELATIVE		
CAR etc. (C)	<input checked="" type="checkbox"/> PRIVATE CAR	PISTON DISPLACEMENT	1500~2000 ▼
	<input type="checkbox"/> MOTOR-CYCLE	PISTON DISPLACEMENT	▼
PET (P)	<input type="checkbox"/> PET	TYPE	▼
	<input checked="" type="checkbox"/> DESIRED PET	TYPE	DOG ▼
HOBBY (H)	<input checked="" type="checkbox"/> MUSIC LISTENING	FAVORITE GENRE	ROCK-'N'-ROLL ▼
	<input checked="" type="checkbox"/> MOVIE GOING	FAVORITE GENRE	SF ▼
	<input checked="" type="checkbox"/> SPECTATOR SPORTS	FAVORITE GENRE	PROFESSIONAL BASEBALL ▼
	<input checked="" type="checkbox"/> SPORTS	FAVORITE GENRE	SANDLOT BASEBALL ▼
	<input type="checkbox"/> FISHING	FAVORITE PLACE	▼
		OK	CANCEL

FIG. 30

The figure shows a graphical user interface window. At the top is a title bar with a close button (X). Below the title bar is a section labeled 'DESIRED INFORMATION' containing a list of items, each with a checkbox and a radio button. The items are: ECONOMY, MARKET, MARKET OUTLOOK, DOMESTIC, DOMESTIC MARKET OUTLOOK, MERCHANDISE, STOCK PRICE, STOCK PRICE OUTLOOK, FIRST SECTION OF TOKYO STOCK EXCHANGE, DOW-JONES AVERAGE, SPECIALLY DESIGNATED STOCK, SECOND SECTION OF TOKYO STOCK EXCHANGE, INTERNATIONAL, EXCHANGE, EXCHANGE OUTLOOK, EACH MARKET, ENTERTAINMENT, and SPORTS. To the right of this list is a 'KEYWORD SEARCH' section with a text input field and a 'SEARCH' button. At the bottom right are 'OK' and 'CANCEL' buttons.

DESIRED INFORMATION

☐ ☒ ECONOMY

☐ ☒ MARKET

☐ ☒ MARKET OUTLOOK

☐ ☒ DOMESTIC

☐ ☒ DOMESTIC MARKET OUTLOOK

☐ ☒ MERCHANDISE

☐ ☒ STOCK PRICE

☐ ☒ STOCK PRICE OUTLOOK

☐ ☒ FIRST SECTION OF TOKYO STOCK EXCHANGE

☐ ☒ DOW-JONES AVERAGE

☐ ☒ SPECIALLY DESIGNATED STOCK

☐ ☒ SECOND SECTION OF TOKYO STOCK EXCHANGE

☐ ☒ INTERNATIONAL

☐ ☒ EXCHANGE

☐ ☒ EXCHANGE OUTLOOK

☐ ☒ EACH MARKET

☐ ☒ ENTERTAINMENT

☐ ☒ SPORTS

KEYWORD SEARCH

SEARCH

OK CANCEL

FIG. 31

AUTOMATIC LAYOUT SETTING

☒ VISIBILITY PRIORITY ☐ PAGE COUNT PRIORITY

☐ DESIGNATE DEFAULT LAYOUT (D)
LAYOUT 1

DETAILS (P)

DEFAULT PAPER

PAPER SIZE (S) A4 ▼

DIRECTION OF PAPER (L) ☒ PORTRAIT ☐ LANDSCAPE

☒ PRIORITY TO DOUBLE-SIDE PRINTING (R)

OK CANCEL

FIG. 32

USER ID : 09001234567

1000'	NAME / ADDRESS (<u>N</u>)	PASSWORD (<u>P</u>)	1010'
1020'	PLACE OF EMPLOYMENT (<u>A</u>)	CREDIT CARD (<u>C</u>)	1030'
1040'	SERVICE (<u>S</u>)	PERSONAL INFORMATION (<u>U</u>)	1050'
1060'	PERSONAL INFORMATION 2 (<u>D</u>)	DESIRED INFORMATION (<u>I</u>)	1070'
1080'	PRINTING PAPER (<u>Q</u>)	FAVORITE INFORMATION REGISTRATION (<u>R</u>)	1090'

OK

CANCEL

FIG. 33

USER ID : 09082937251

CURRENT PASSWORD (C):

PASSWORD (P):

PASSWORD (FOR CONFIRMATION) (Q):

OK CANCEL

FIG. 34

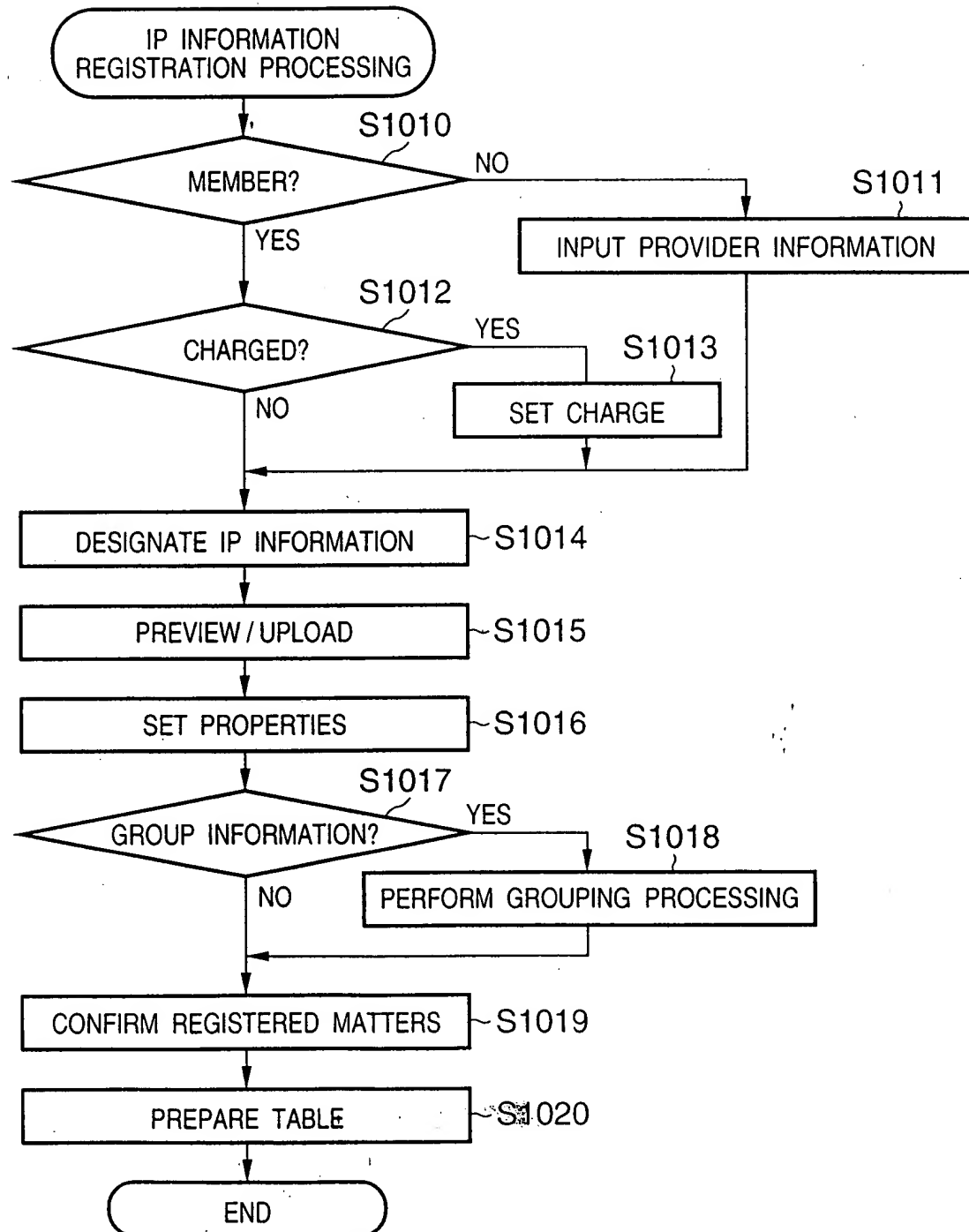


FIG. 35

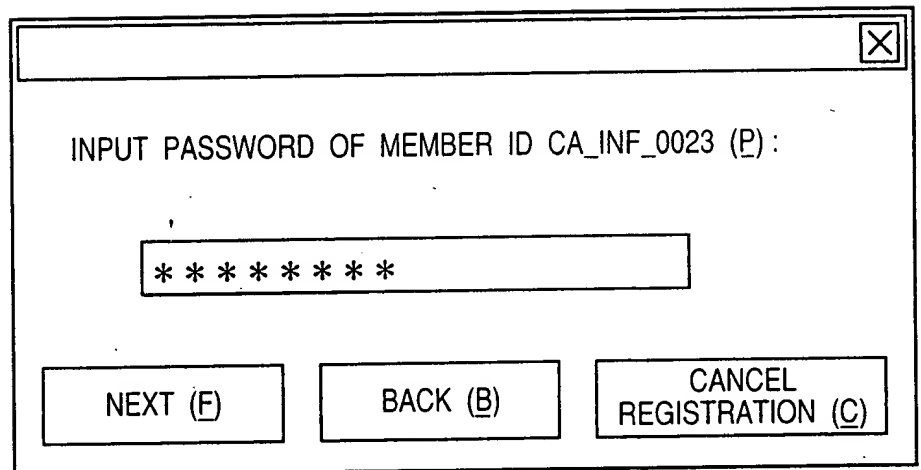
ARE YOU A MEMBER?

☒ YES (Y) MEMBERSHIP NUMBER (C): CAI-00023

☐ NO (N)

NEXT (F) CANCEL (C)

FIG. 36



INPUT PASSWORD OF MEMBER ID CA_INF_0023 (P) :

NEXT (F) BACK (B) CANCEL REGISTRATION (C)

IT IS NECESSARY FOR A NONMEMBER TO REGISTER ADDRESS WHERE
TO MAKE CONTACT BY THE INFORMATION PROVIDER. INPUT NECESSARY
MATTERS AND PRESS "NEXT"

POSTAL CODE (Z): -

ADDRESS (A):

TELEPHONE
NUMBER (T): - -

NAME OR NAME OF
COMPANY (N):

E-MAIL ADDRESS (E):

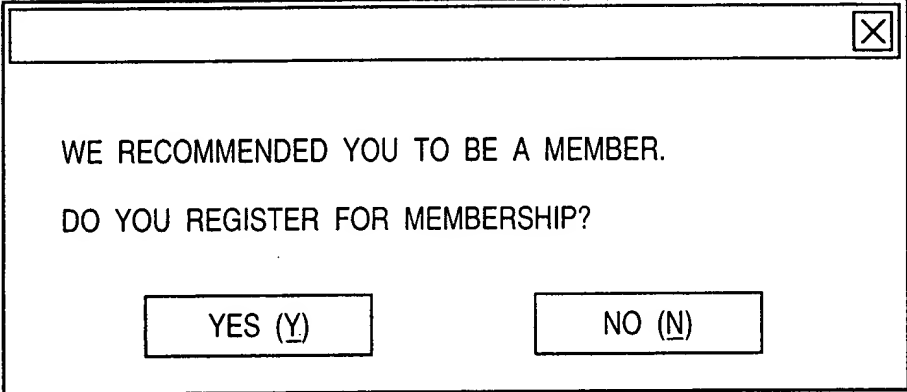
NEXT (F)

BACK (B)

CANCEL
REGISTRATION (C)

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FIG. 38



WE RECOMMENDED YOU TO BE A MEMBER.
DO YOU REGISTER FOR MEMBERSHIP?

YES (Y) NO (N)

FIG. 39

WILL YOU CHARGE FOR THIS INFORMATION?

☒ CHARGE FOR PRINTING (C)

CHARGE (P) PER PRINTING

NEXT (F) BACK (B) CANCEL
REGISTRATION (C)

FIG. 40

DESIGNATE FILE TO BE REGISTERED (R)
YOU CAN DESIGNATE FILES WITH FOLLOWING EXTENSIONS
FILES WITHOUT EXTENSIONS ARE TREATED AS TEXT FILES

[txt, html, bmp, jpg, ico, tif, emf, wmf]

Top001.txt
Top_Attach.jpg

DESIGNATE FILE (A)

DELETE (D)

NEXT (F) BACK (B) CANCEL REGISTRATION (C)

FIG. 41

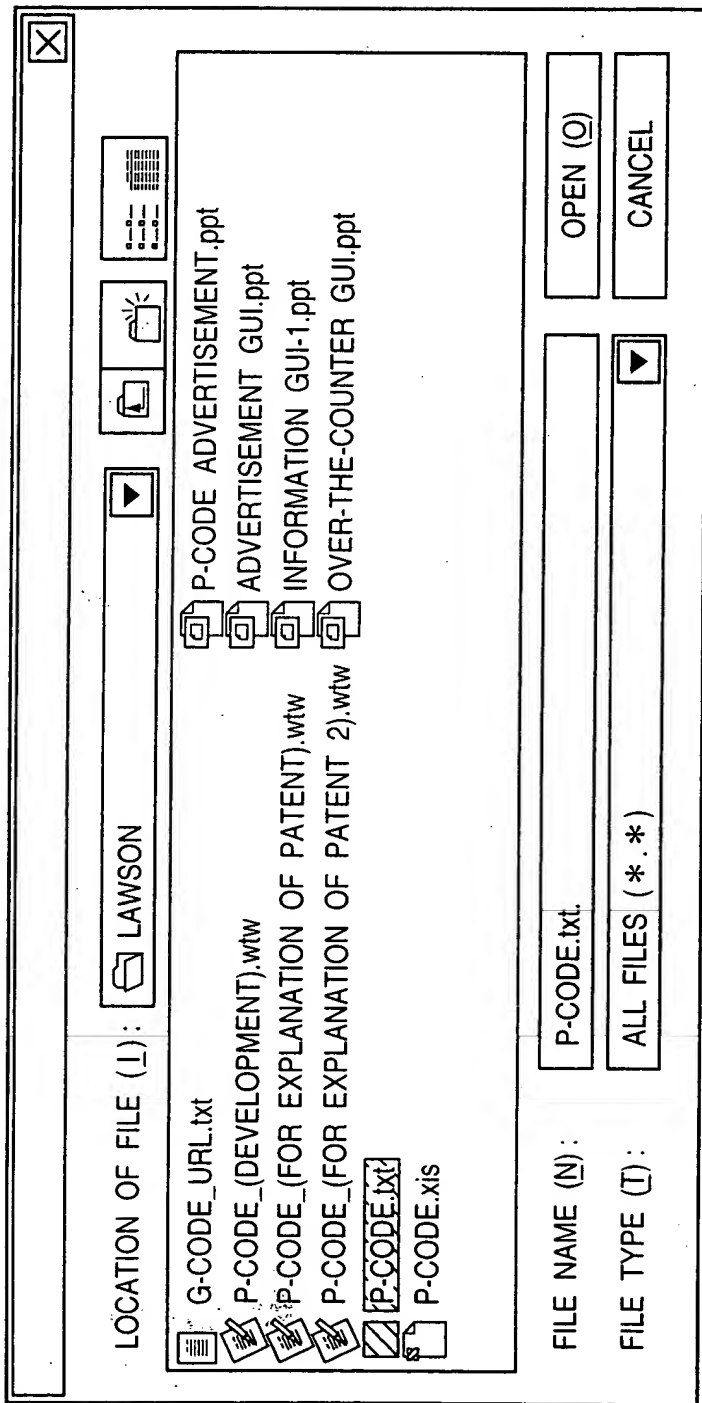


FIG. 42

PRINT PREVIEW OF TRANSFERRED INFORMATION IS AS FOLLOWS

PICTURE

TRANSFER TO SERVER (T) BACK (B) CANCEL REGISTRATION (C)

FIG. 43

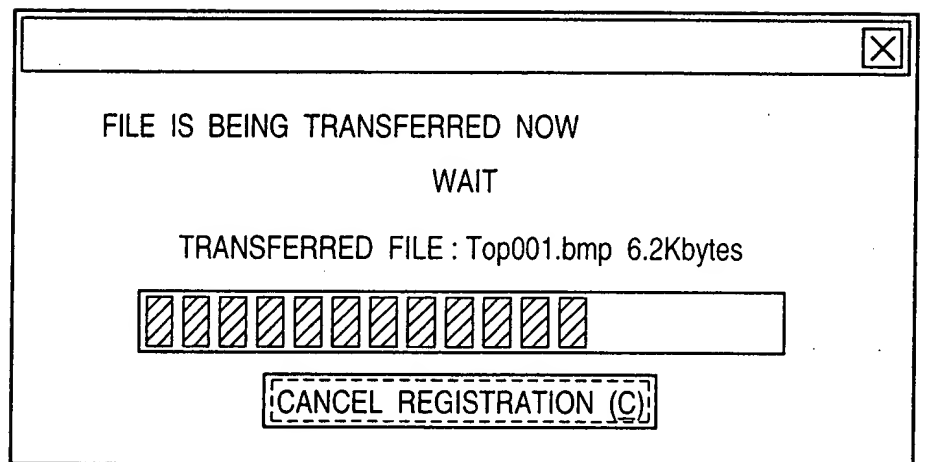


FIG. 44

SET DATE OF START OF INFORMATION INSERTION (S)

APRIL 15, 1999 ▼

SET VALID DATES OF INFORMATION

☐ INDEFINITE (I)

☐ ONE WEEK (W)

☐ ONE MONTH (M)

☐ ONE YEAR (Y)


☐ DESIGNATE DATE (D) APRIL 30, 1999 ▼

☒ VALID DATES OF P-CODE IS SET INDEPENDENTLY OF THAT OF INFORMATION (F)

MAY 31, 1999 ▼

NEXT (F) BACK (B) CANCEL REGISTRATION (C)

FIG. 45







SIZE OF INFORMATION TO BE REGISTERED IS AS FOLLOWS





TEXT	142 CHARACTERS
PRINTING IMAGE	4×6cm
OVERALL REGION OF INFORMATION	12×6cm

WILL YOU FIX INFORMATION SIZE IN LAYOUT?

☐ FIX (D)

☒ ALLOW CHANGE (A)

FONT SIZE IS FROM   Pt TO   Pt

MAGNIFICATION OF PRINTING IMAGE IS FROM   % TO   %

NEXT (E)

BACK (B)

CANCEL
REGISTRATION (C)

FIG. 46

WILL YOU PERMIT ADVERTISEMENT INSERTION
INTO THE PAGE?

☒ YES (Y)

☐ PERMIT FOR LOWER SURFACE (R)

☐ NO (N)

NEXT (F) BACK (B) CANCEL
REGISTRATION (C)

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FIG. 47

WILL YOU SET PASSWORD FOR ACCESS TO INFORMATION?

☒ SET PASSWORD (S)

PASSWORD (P): * * * *

NEXT (E) BACK (B) CANCEL
REGISTRATION (C)

FIG. 48

RE-INPUT PASSWORD (P):

FIG. 49

SELECT GENRE OF INFORMATION TO BE REGISTERED (J)
SPORTS ▼

SELECT SUBGENRE OF INFORMATION TO BE REGISTERED (S)
BASKETBALL ▼

SET KEYWORD WHEN LINKED TO ADVERTISEMENT (K)
NBA

GAME RESULTS
PERSONAL RECORDS

ADD (A)
DELETE (D)

☐ NEGATIVE LINK TO ADVERTISEMENT (N)

NEXT (F) BACK (B) CANCEL REGISTRATION (C)

FIG. 50

SELECT GENRE OF INFORMATION TO BE REGISTERED (J)

SPORTS

SELECT SPORTS

TRAVEL

NEWS/WEATHER FORECAST

FINANCE

HOME MEDICINE

SOCIETY INFORMATION

INFORMATION OF ADMINISTRATIVE AGENCIES

PRIZE COMPETITION

GAME RESULTS

PERSONAL RECORDS

DELETE (D)

☐ NEGATIVE LINK TO ADVERTISEMENT (N)

NEXT (F)

BACK (B)

CANCEL
REGISTRATION (C)

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FIG. 51

INPUT TITLE OF INFORMATION (T)

NBA FINAL

INPUT COMMENT (SUMMARY) FOR INFORMATION
TO BE REGISTERED (S)

NEXT (F) BACK (B) CANCEL
REGISTRATION (C)

FIG. 52A

P-CODE TO BE REGISTERED (P)

xxxx xxxx xxxx REGISTERED P-CODE LIST (L)

☐ CREATE NEW GROUP (N)

☒ ADD REGISTERED P-CODE TO EXISTING GROUP (A)

P-CODE OF GROUP TO WHICH P-CODE IS TO BE ADDED (G)

3091-2425-8769 REGISTERED GROUP LIST (L)

OK CANCEL

FIG. 52B

INPUT TITLE OF NEW GROUP (T)

GAMES OF YESTERDAY

INPUT CONTENTS OF GROUP (S)

GAME RESULTS OF YESTERDAY AND BRIEF COMMENT
AND STANDINGS


SET INFORMATION UPDATE SCHEDULE (M)

NEXT DAY OF GAME

OK CANCEL

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FIG. 52C



INFORMATION P-CODE 3746-2348-2364
(PROFESSIONAL BASEBALL GAME RESULTS, JUNE 25, 1999)
IS LINKED TO FOLLOWING FRAME

P-CODE : 3091-2425-8769
(PROFESSIONAL BASEBALL / GAMES OF YESTERDAY)

LINK NUMBER : #77

OK

CANCEL

FIG. 53

PRESS REGISTER BUTTON TO END REGISTRATION

REGISTERED P-CODE IS 2010-4243-26227

FOLLOWING PROPERTIES ARE REGISTERED

REGISTERED FILE NAME :	▲
Top001.txt	
Top_attachi.bmp	
VALID DATES :	
APRIL 26, 1999	
PRINTING CHARGE :	
¥ 10/Print	▼

REGISTER (R) BACK (B) CANCEL REGISTRATION (C)

FIG. 54

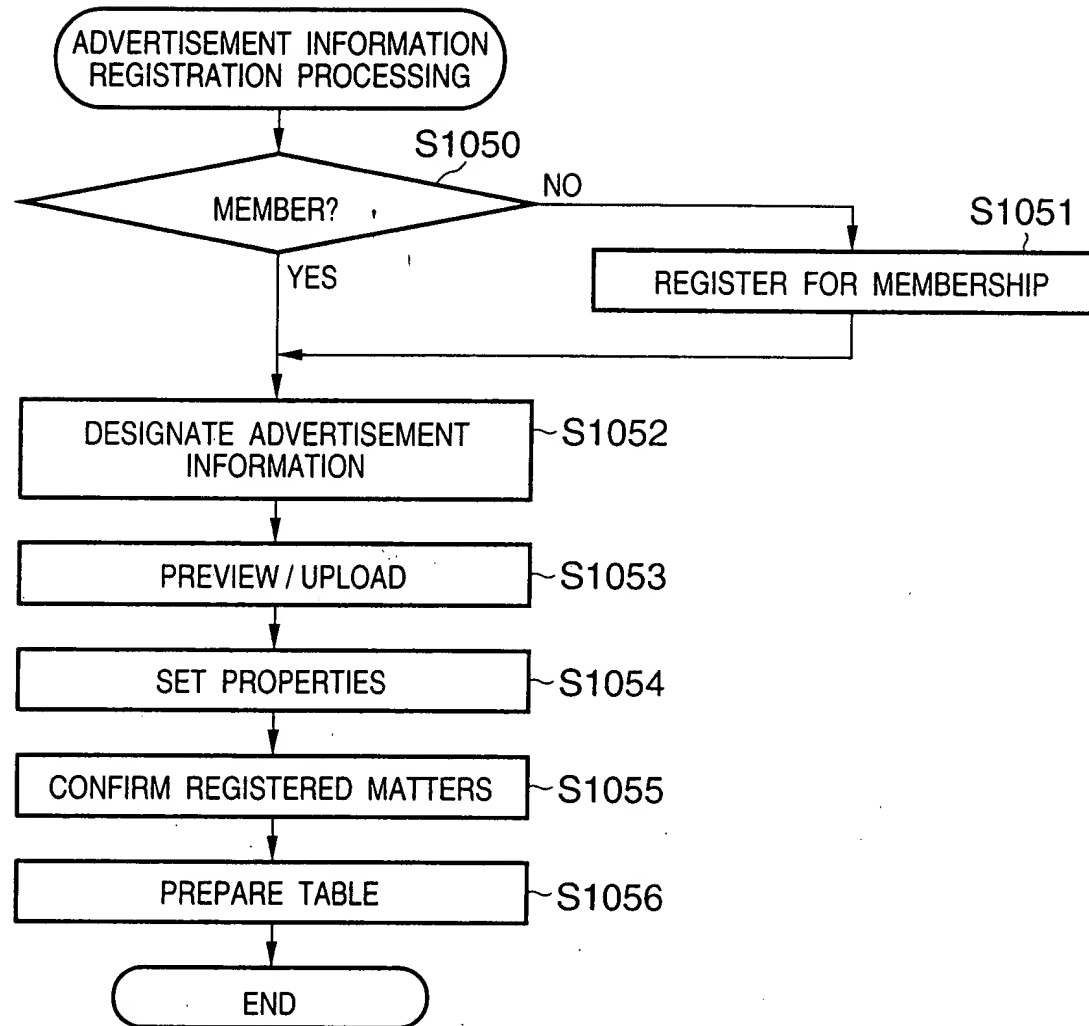


FIG. 55

ADVERTISEMENT WILL BE REGISTERED

ARE YOU AN ADVERTISEMENT REGISTRATION MEMBER?

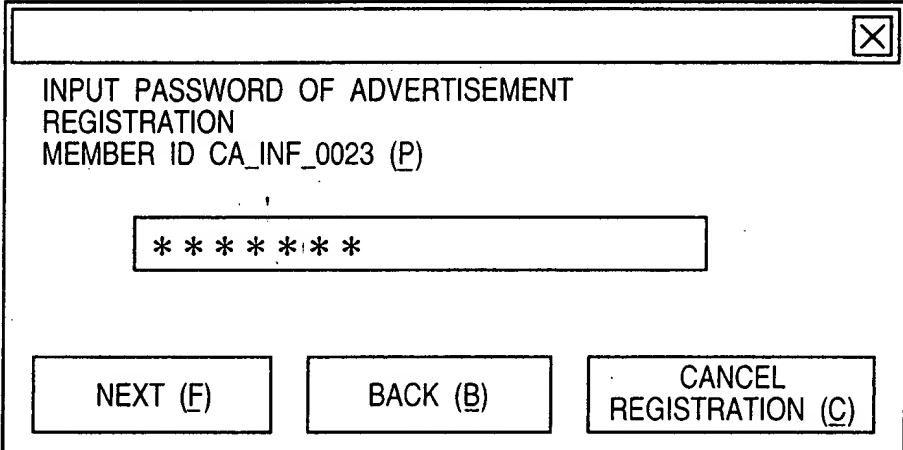
☒ YES (Y) MEMBERSHIP NUMBER (C):

☐ NO (N)

NEXT (F) CANCEL REGISTRATION (C)

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FIG. 56



INPUT PASSWORD OF ADVERTISEMENT
REGISTRATION
MEMBER ID CA_INF_0023 (P)

NEXT (F) BACK (B) CANCEL
REGISTRATION (C)

100-44388-100

✕

IT IS NECESSARY FOR AN ADVERTISEMENT REGISTRATION NONMEMBER
TO REGISTER ADDRESS WHERE TO MAKE CONTACT BY THE ADVERTISEMENT
PROVIDER. INPUT NECESSARY MATTERS AND PRESS "NEXT"

POSTAL CODE (Z): -

ADDRESS (A):

TELEPHONE
NUMBER (T): - -

NAME OR NAME OF
COMPANY (N):

E-MAIL ADDRESS (E):

NEXT (F)

BACK (B)

CANCEL
REGISTRATION (C)

FIG. 58

DESIGNATE FILE TO BE REGISTERED AS ADVERTISEMENT (R)
YOU CAN DESIGNATE FILES WITH FOLLOWING EXTENSIONS
FILES WITHOUT EXTENSIONS ARE TREATED AS TEXT FILES

[txt, html, bmp, jpg, ico, tif, emf, wmf]

Bargain_sale.txt
Bargain_sale.jpg

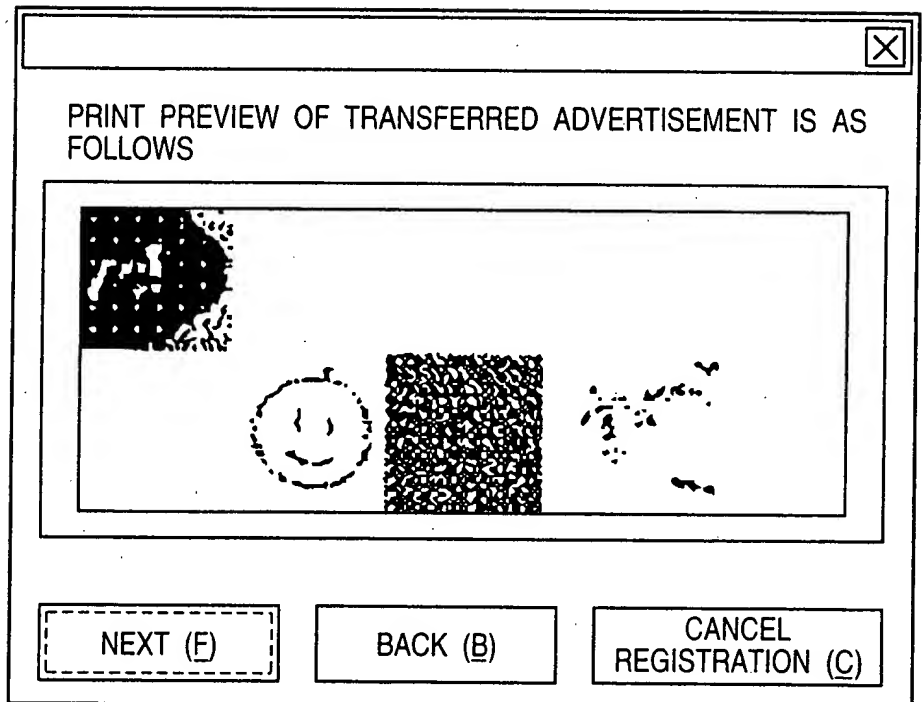
DESIGNATE FILE (A)

DELETE (D)

NEXT (F) BACK (B) CANCEL REGISTRATION (C)

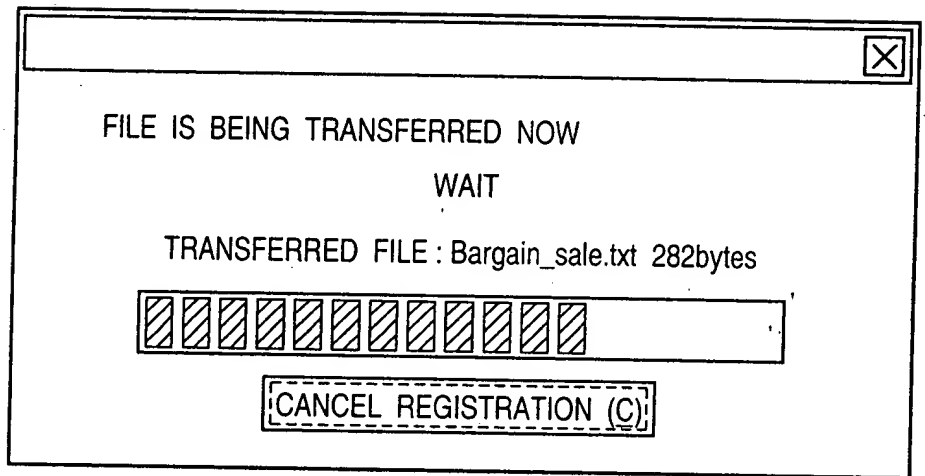
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FIG. 59



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FIG. 60



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FIG. 61

SET DATE OF START OF ADVERTISEMENT INSERTION (S)

MARCH 29, 1999 ▼

SET VALID DATES OF ADVERTISEMENT TO BE REGISTERED

☐ INDEFINITE (I)

☐ ONE WEEK (W)

☐ ONE MONTH (M)

☐ ONE YEAR (Y)

☒ DESIGNATE DATE (D) APRIL 10, 1999 ▼

NEXT (F) BACK (B) CANCEL REGISTRATION (C)

FIG. 62

SELECT LINK METHOD INFORMATION IN WHICH
ADVERTISEMENT IS TO BE INSERTED

☐ REGION

AGE GROUP

SEX

SET KEYWORD

DESIGNATE INFORMATION

SET DETAILS (D)

NEXT (F)

BACK (B)

CANCEL
REGISTRATION (C)

FIG. 63

YOU CAN DO FOLLOWING DESIGNATION TO LIMIT REGION

- ☒ LIMIT IN UNITS OF METROPOLIS AND DISTRICTS
OR CITIES, TOWNS, AND VILLAGES (P)
- ☐ DESIGNATE SHOP TO PRINT (S)
- ☐ DESIGNATE ADDRESS AND RANGE THEREFROM (R)
- ☐ DESIGNATE RANGE ON MAP (M)

SET DETAILS (D)

NEXT (F) BACK (B) CANCEL
REGISTRATION (C)

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FIG. 64

ADVERTISEMENT SIZE CALCULATED FROM
TRANSFERRED FILE IS AS FOLLOWS

TEXT	142 CHARACTERS
PRINTING IMAGE	4×6cm
OVERALL REGION OF ADVERTISEMENT	12×6cm

SELECT PRINTING SIZE OF ADVERTISEMENT TO BE
REGISTERED (S)

L SIZE 6cm×12cm

☐ PORTRAIT (P)

☒ LANDSCAPE (L)

ADJUSTMENT OF ADVERTISEMENT SIZE

☒ ENLARGE / REDUCE REGISTERED DATA TO FIT
ADVERTISEMENT TO PRINTING SIZE (A)

☐ PRINT ADVERTISEMENT AT THE CENTER WITHOUT
ANY CHANGE IN SIZE OF REGISTERED DATA (R)

NEXT (E)

BACK (B)

CANCEL
REGISTRATION (C)

FIG. 65

ADVERTISMENT SIZE CALCULATED FROM
TRANSFERRED FILE IS AS FOLLOWS

TEXT 142 CHARACTERS

PRINTING IMAGE 4×6cm

OVERALL REGION OF ADVERTISMENT 12×6cm

SELECT PRINTING SIZE OF ADVERTISMENT TO BE
REGISTERED (S)

L SIZE (6cm×12cm)	▼	<input type="radio"/> PORTRAIT (P)
B5 SIZE	▲	<input type="radio"/> LANDSCAPE (L)
B6 SIZE		
L SIZE (6cm×12cm)		
M SIZE (4cm×8cm)		
S SIZE (2cm×5cm)		
POSTCARD SIZE	▼	

REGISTERED DATA TO FIT
ADVERTISMENT TO PRINTING SIZE (A)

☐ PRINT ADVERTISMENT AT THE CENTER WITHOUT
ANY CHANGE IN SIZE OF REGISTERED DATA (R)

NEXT (F) BACK (B) CANCEL
REGISTRATION (C)

×

LIMITATION ON ADVERTISEMENT INSERTION POSITION

☐ SINGLE ADVERTISEMENT (U)

☐ ALWAYS TO BE PRINTED AS TOP ADVERTISEMENT (T)

☒ MAY BE PRINTED ON LOWER SURFACE (R)

NEXT (F)

BACK (B)

CANCEL
REGISTRATION (C)


FIG. 67

CHARGE FOR REGISTERED ADVERTISEMENT PER INSERTION
IS 20 YEN. ADVERTISEMENT IS CHARGED FOR IN
CORRESPONDENCE WITH NUMBER OF PRINTED PAGES

SET UPPER LIMIT OF ADVERTISEMENT CHARGE :

☒ DESIGNATE MAXIMUM NUMBER OF TIMES OF PRINTING (V)

☐ DESIGNATE UPPER LIMIT OF ADVERTISEMENT
CHARGE (P)

MAXIMUM (M): 400  TIMES

NEXT (F) BACK (B) CANCEL
REGISTRATION (C)

FIG. 68

PRESS REGISTER BUTTON TO END REGISTRATION

FOLLOWING PROPERTIES ARE REGISTERED

REGISTERED FILE NAME :
Bargain_sale.txt
Bargain_sale.jpg

VALID DATES :
FROM MARCH 29, 1999 TO APRIL 10, 1999

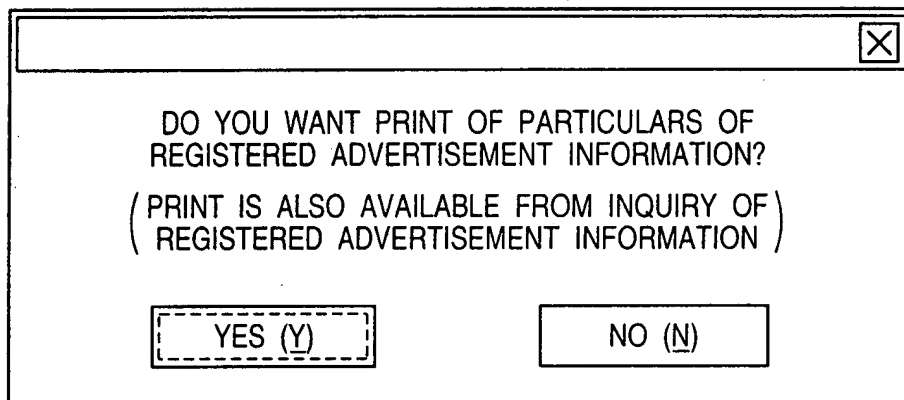
LINK RULE TO INFORMATION
REGION
DESIGNATE CITIES, TOWNS, AND VILLAGES,
KITA-KU, KAWASAKI-SHI

KEYWORD
EATING AND DRINKING, RESTAURANT,
CHINESE, DISCOUNT, TASTY

REGISTER (R) BACK (B) CANCEL
REGISTRATION (C)

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FIG. 69



DO YOU WANT PRINT OF PARTICULARS OF
REGISTERED ADVERTISEMENT INFORMATION?
(PRINT IS ALSO AVAILABLE FROM INQUIRY OF
REGISTERED ADVERTISEMENT INFORMATION)

YES (Y) NO (N)

FIG. 70

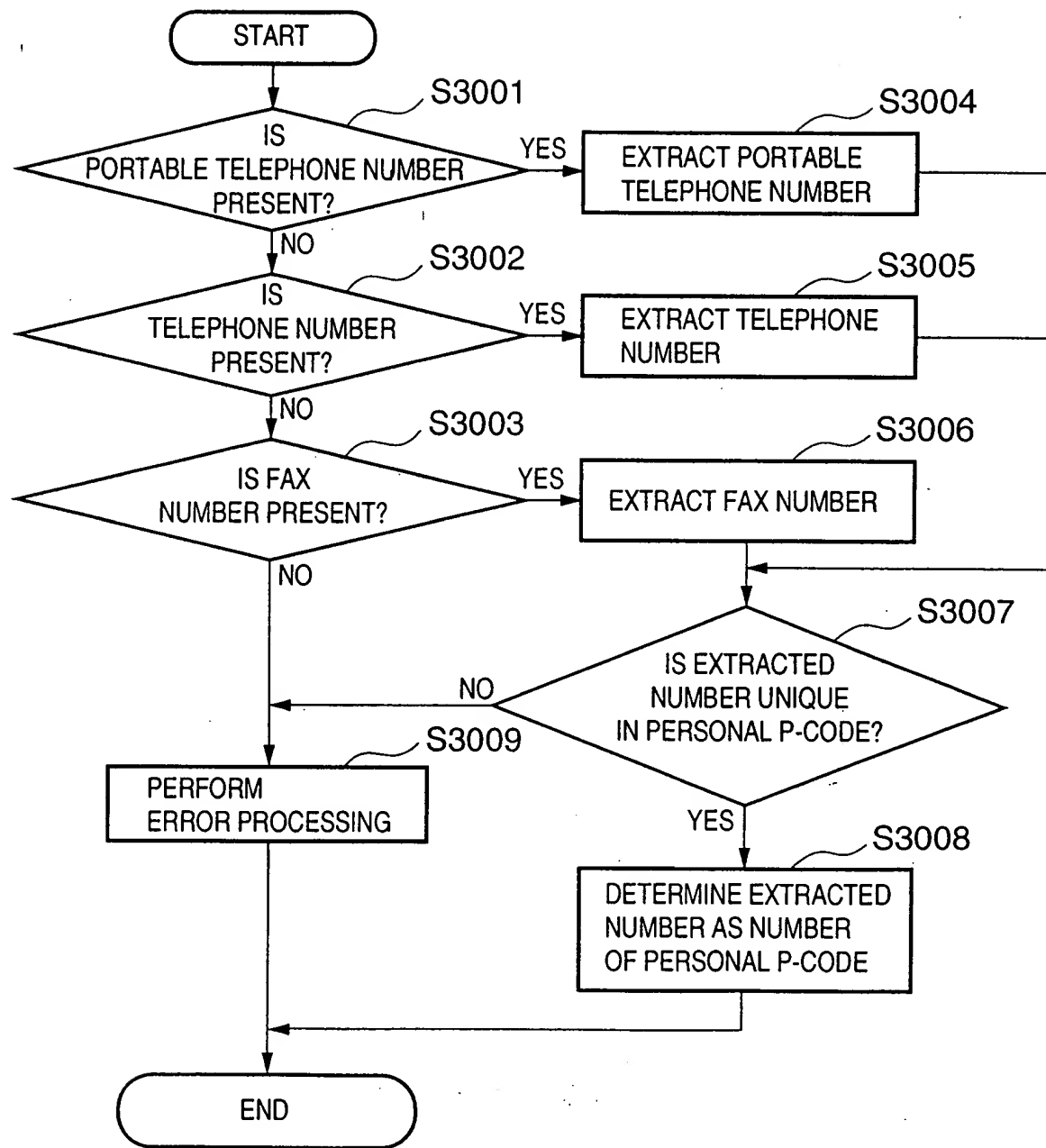
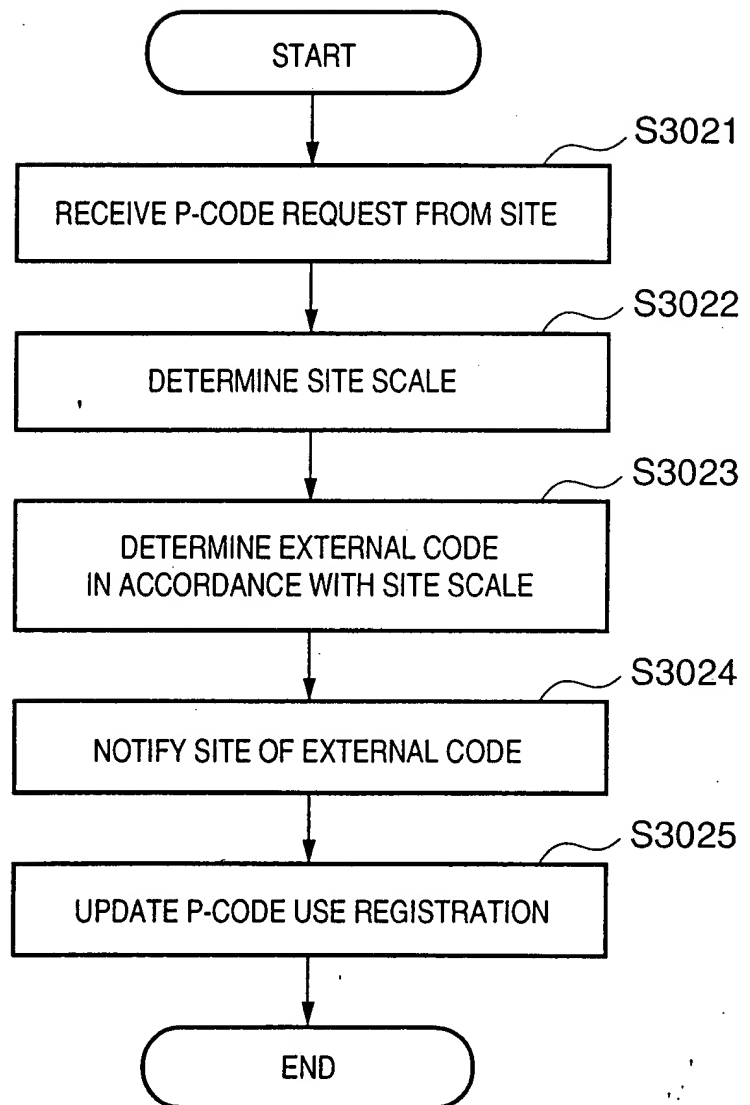


FIG. 71



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FIG. 72

SCALE	EXTERNAL CODE	URL
MINIMAL SCALE		
SMALL SCALE		
MEDIUM SCALE		
LARGE SCALE		
MAXIMUM SCALE		

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FIG. 73

P-CODE (NUMBER SECTION = EXTERNAL CODE + INTERNAL CODE)	VALID DATES OF CODE

FIG. 74

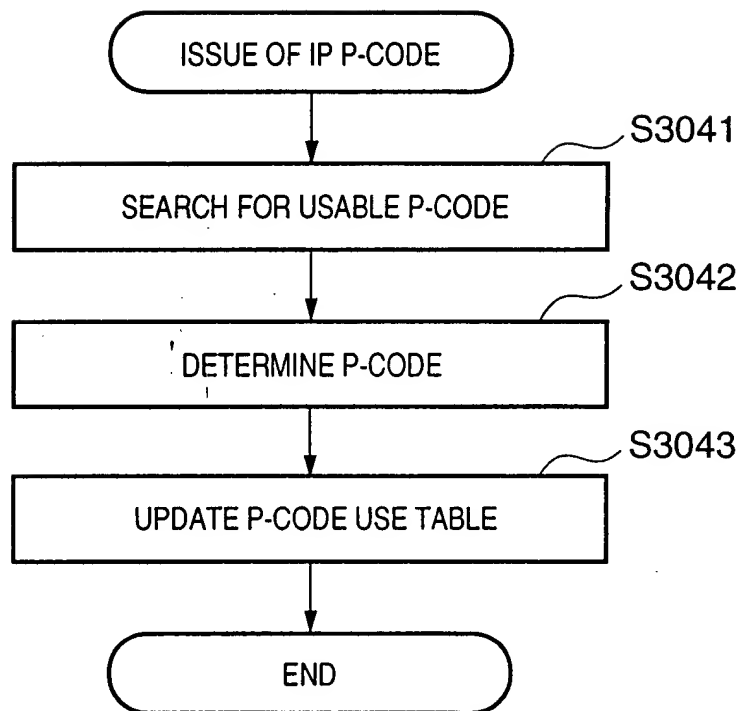


FIG. 75

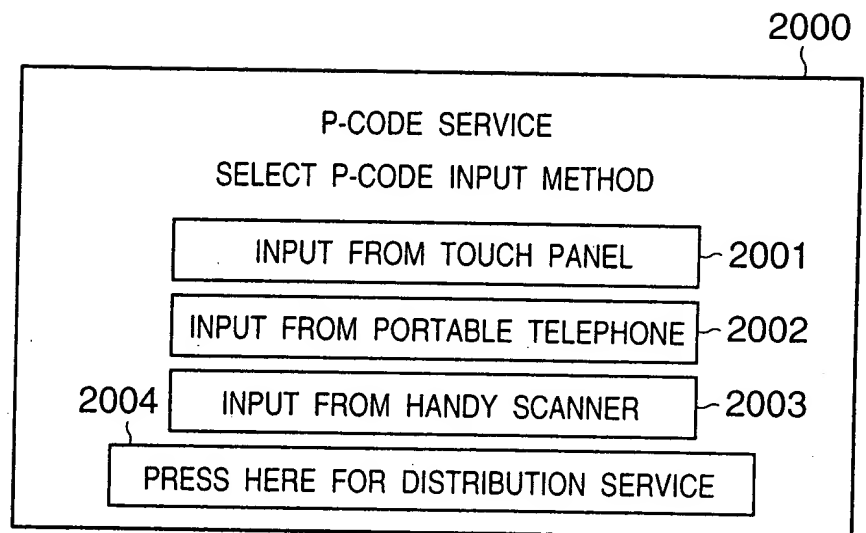


FIG. 76

2005

INPUT CODE

2007

1	2	3	1842-332
4	5	6	2008 OK
7	8	9	2006 2009 CANCEL
-	0	#	2010 CORRECT

PRESS HERE FOR FOREIGN INFORMATION

2011

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FIG. 77

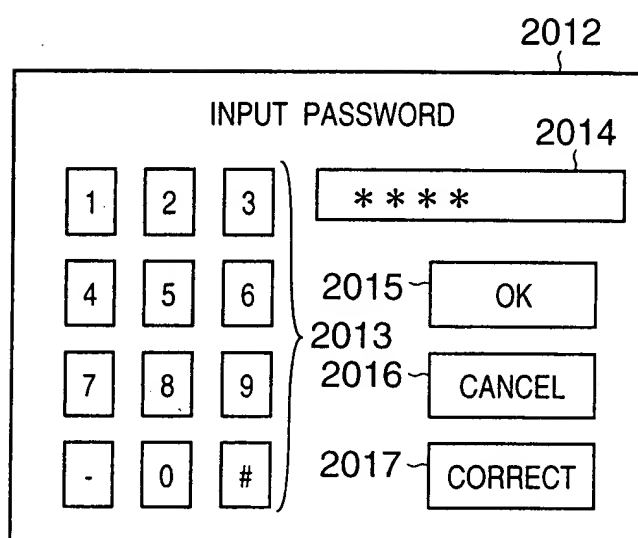


FIG. 78

2018

PRESS "OK" WHEN NUMBER INPUT FROM
YOUR DEVICE IS ENDED

OK

2019

CANCEL

2020

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FIG. 79

2021

PRESS "OK" WHEN HANDY SCANNER CODE IS READ

OK

2022

CANCEL

2023

FIG. 80

2025

2026

2027

2028

2029

2030

2031

2032

FOLLOWING ITEMS ARE TO BE PRINTED

INPUT ANOTHER P-CODE

P-CODE	TITLE (CONTENTS)	NUMBER OF PAGES	CHARGE	PRINTING
1842-2417	NFL GAME RESULTS	1	70	<div>COLOR</div> MONOCHROME NO
1842-2450	ODDS AND OUR TIP ON EMPEROR PRIZE	1	70	<div>COLOR</div> MONOCHROME NO

CURRENT NUMBER OF PAGES TO PRINT IS 2,
AND CHARGE IS 140 YEN.
ADVERTISEMENT INSERTION DISCOUNTS 0 YEN

SET ADVERTISEMENT

DISPLAY PRINT PREVIEW

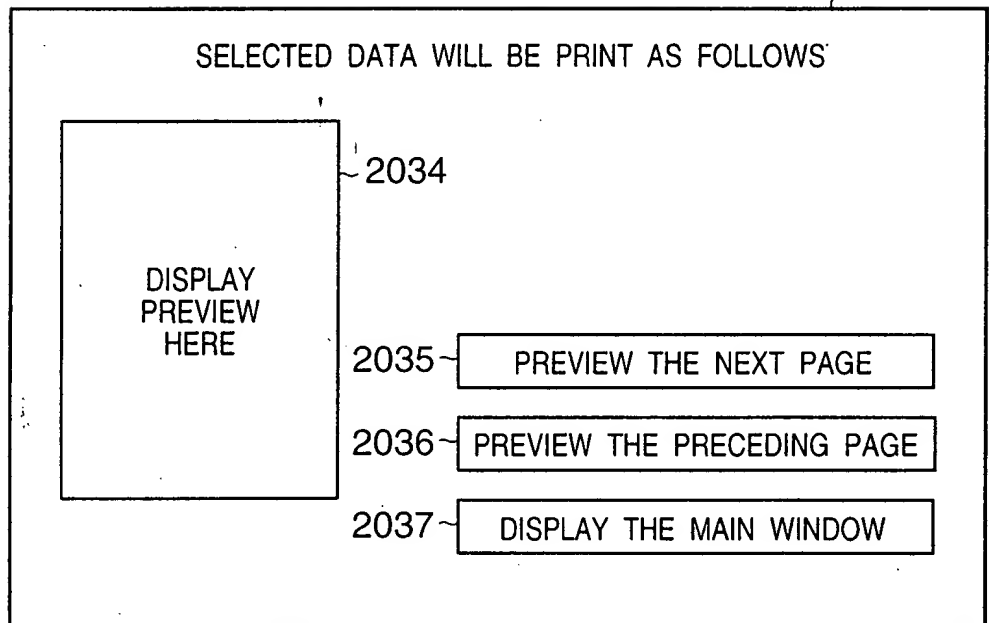
PRINT

BACK

CANCEL

FIG. 81

2033



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FIG. 82

2038

PRINTING OF ADVERTISEMENT

ADVERTISER BEARS PRINTING CHARGE FOR YOU
WHEN ADVERTISEMENT IS PRINTED

PRINT IN FREE SPACE OF ARTICLE

☐ YES ☒ NO

PRINT ON LOWER SURFACE

☒ YES ☐ NO

PRINT ANOTHER PAGE

☐ YES ☒ NO

2039

2040

2041

OK

CANCEL

FIG. 83

2042

MAIL BOX HAS FOLLOWING MAIL MESSAGE

2043
2044
2045
2046

PRINT ALL

DISPLAY PRECEDING LIST

DISPLAY NEXT LIST

SURFIX	SUBJECT (CONTENTS)	FROM (SENDER)	NUMBER OF PAGES	PRINT
#1	NEW YEAR PARTY	takaha@cse.canon	1	<input checked="" type="checkbox"/> COLOR <input type="checkbox"/> MONOCHROME
#2	ABOUT SENDING OF DB EXAMINATION CONFERENCE REPORT	itoh@ccsi.dumnet	2	<input checked="" type="checkbox"/> COLOR <input type="checkbox"/> MONOCHROME
#3	Re: DO YOU KNOW?	nishida@ykk.com	1	<input checked="" type="checkbox"/> COLOR <input type="checkbox"/> MONOCHROME

2046a
2046b
2046c

2 MAIL MESSAGES ARE SELECTED. CURRENT NUMBER OF PAGES TO PRINT IS 3.

PRINT PREVIEW

SET OPTIONS

PRINT

BACK

CANCEL

2048
2049
2050
2051
2052

FIG. 84

2053

MAIL PRINTING OPTIONS
YOU CAN SELECT FOLLOWING OPTIONS

PRINT MAIL MESSAGES
CONTINUOUSLY ONE SHEET

☐ YES☒ NO

2054

DENSELY PRINT WITH
SMALLEST LETTERS

☒ YES☐ NO

2055

OK

2056

CANCEL

FIG. 85

2057

REGISTERED FRAME IS AS FOLLOWS

2058
2060 2061

PRINT ALL

DISPLAY PRECEDING LIST

DISPLAY NEXT LIST

SURFIX	CONTENTS	NUMBER OF PAGES	PRINT
##1	CATCH INFORMATION / TOMORROW'S WEATHER / INFORMATION OF FISHING BOAT RESERVATION IN NISHI-IZU	1	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
##2	SINGLE CD RANKING / ALBUM RANKING / NEW RELEASE INFORMATION	3	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
##3	SCORE SHEET OF GRAND SUMO TOURNAMENT / PROFESSIONAL BASEBALL GAME RESULTS OF YESTERDAY	1	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO

2061a
2061b

2 PIECES OF INFORMATION ARE SELECTED. CURRENT NUMBER OF PAGES TO PRINT IS 4.

REGISTER / CHANGE
INFORMATION

PRINT PREVIEW

PRINT

BACK

CANCEL

2063
2064
2065
2066
2067

FIG. 86

2068

INPUT NUMBER OF FRAME TO BE CHANGED

REGISTER NEW FRAME

2069

2070 {

1	2	3
4	5	6
7	8	9
-	0	#

##2

2071

2072 ~

OK

2073 ~

CANCEL

2074 ~

CORRECT

FIG. 87

2075

REGISTERED FRAME #2 HAS FOLLOWING CONTENTS

2076

2077 2078

DISPLAY PRECEDING LIST

DISPLAY NEXT LIST

P-CODE	CONTENTS	REGISTER
6982-9243-2311	SINGLE CD RANKING	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
6982-9243-2302	ALBUM RANKING	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
6990-0238-3765	NEW RELEASE INFORMATION	<input type="checkbox"/> YES <input checked="" type="checkbox"/> NO

2078a 2078b

2079

ADD NEW P-CODE

2080

2081

2082

OK

BACK

CANCEL

FIG. 88

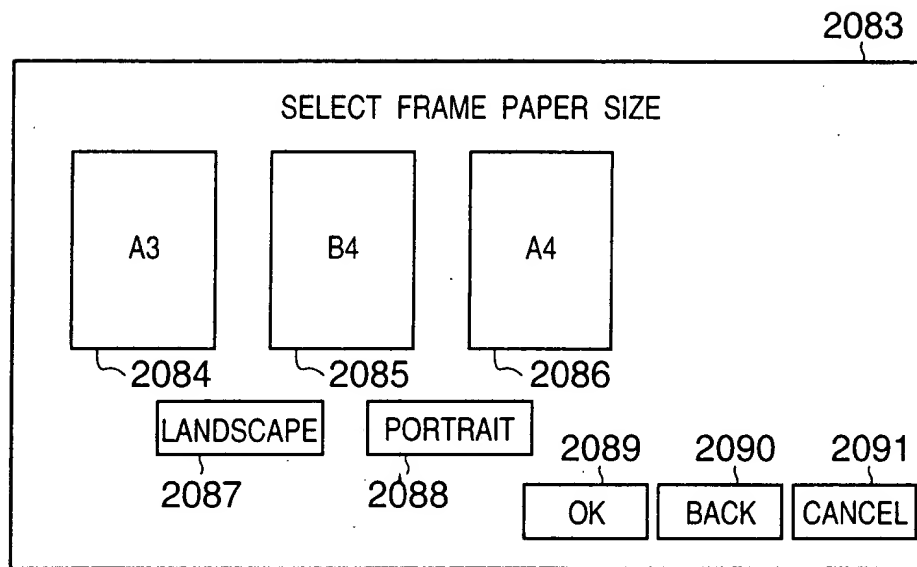


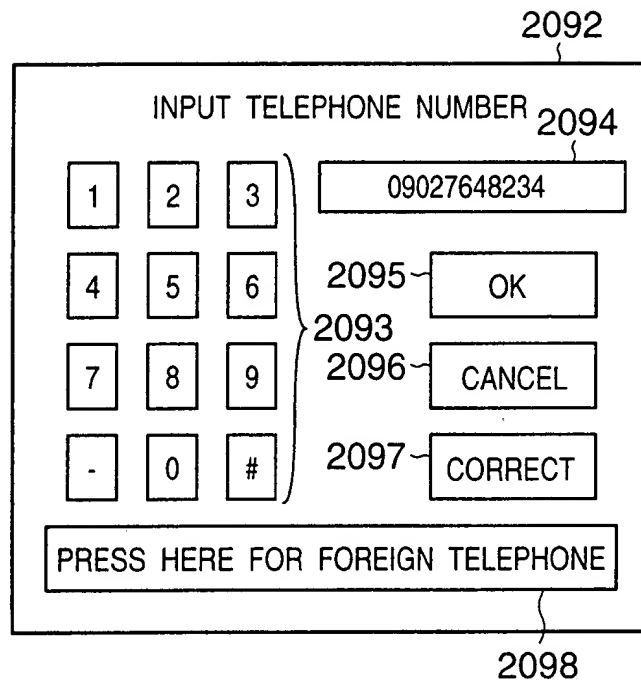
FIG. 89

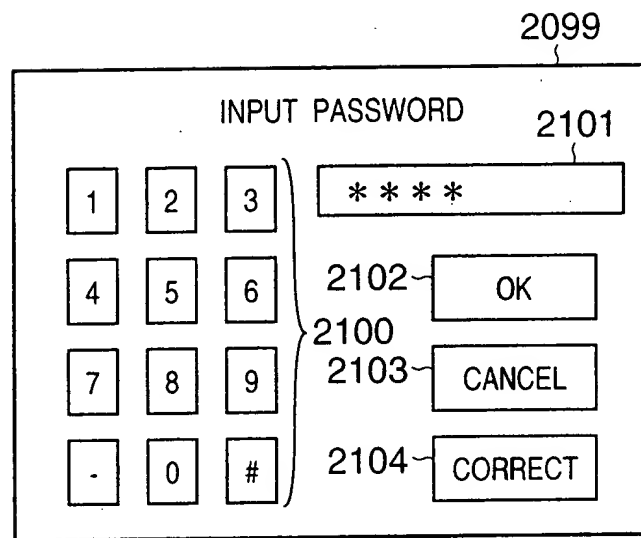
FIG. 90

FIG. 91

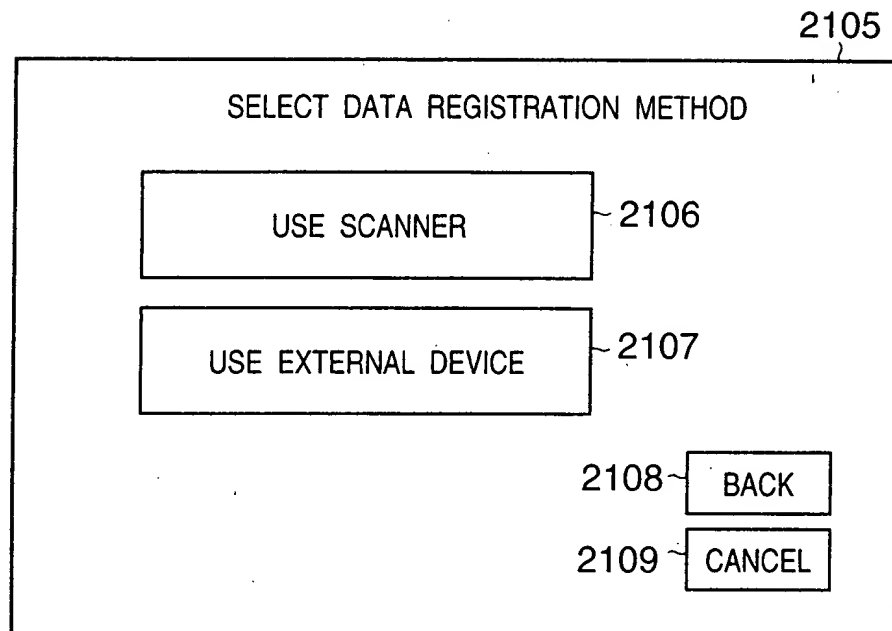


FIG. 92

2110

SET ORIGINAL TO UPPER LEFT CORNER OF
SCANNER AND PRESS "OK"

2111 ~ OK

2112 ~ BACK

2113 ~ CANCEL

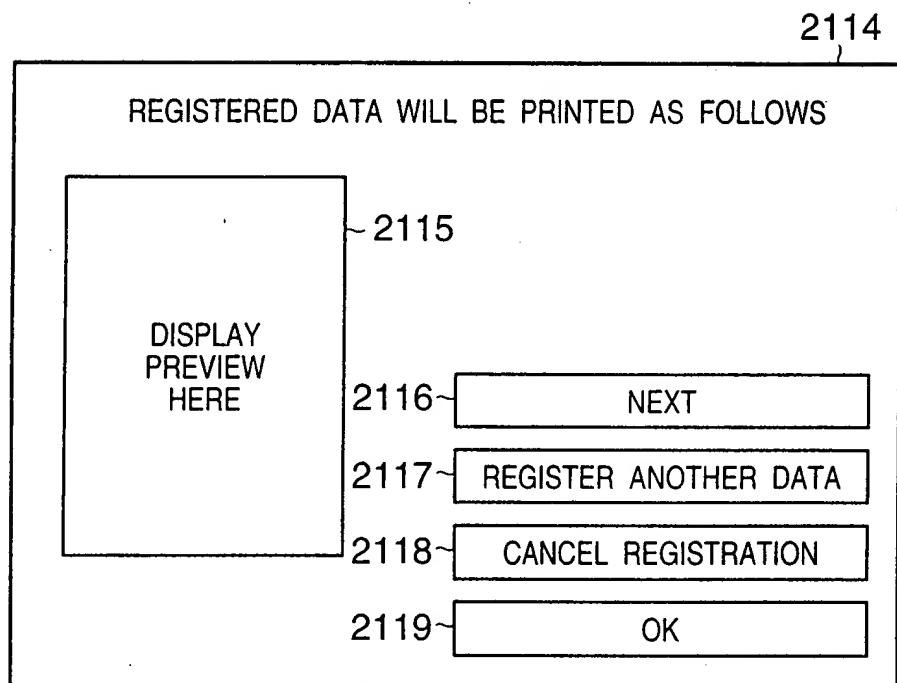
FIG. 93

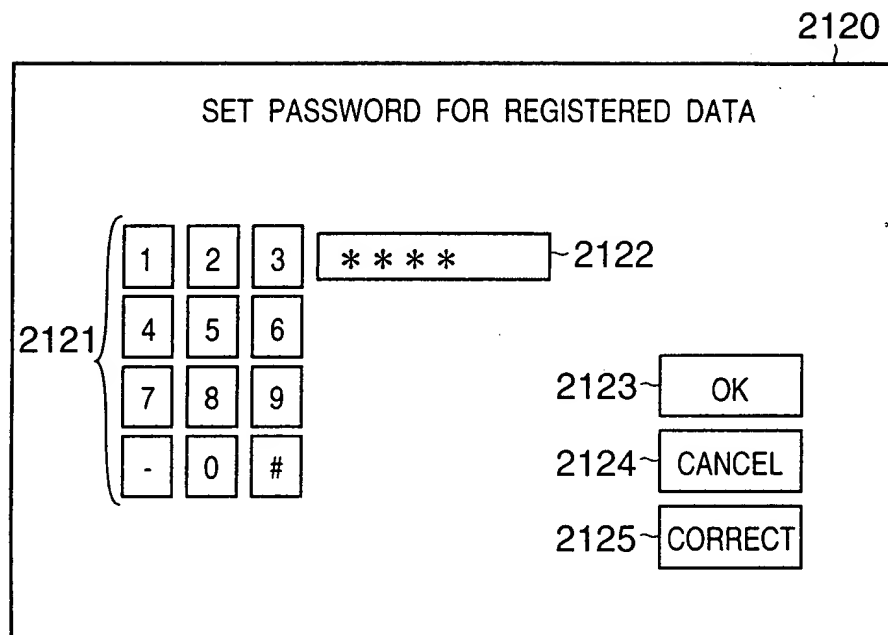
FIG. 94

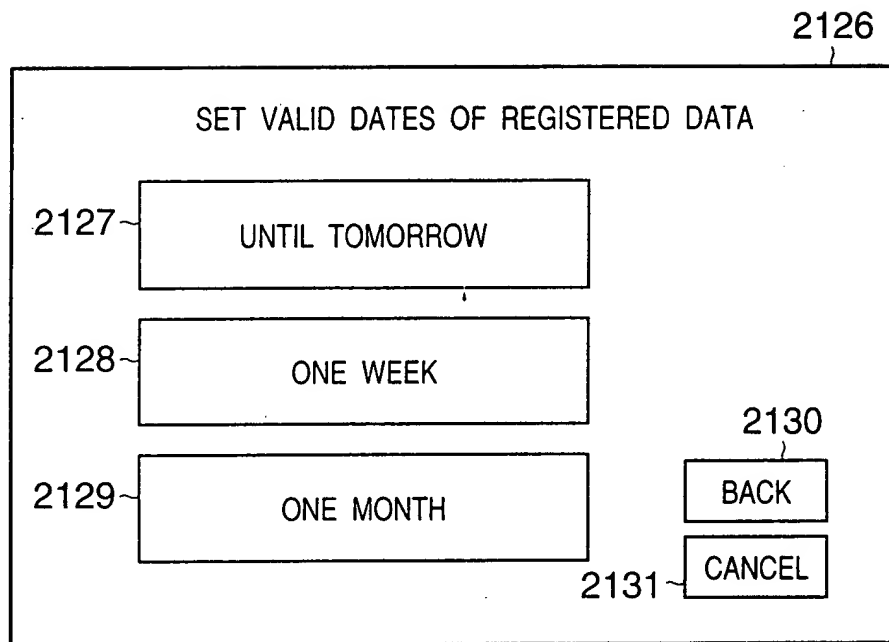
FIG. 95

FIG. 96

2132

FOLLOWING DATA IS RECEIVED.
PRESS "OK" TO PRINT PARTICULARS

2133

REGISTERED P-CODE	09027648234-4
DATA PASSWORD	* * * *
REGISTERED DATA	IMAGE 480 KBytes
VALID DATES	ONE WEEK (UNTIL APRIL 10)

2134

2135

2136

OK

CANCEL

FIG. 97

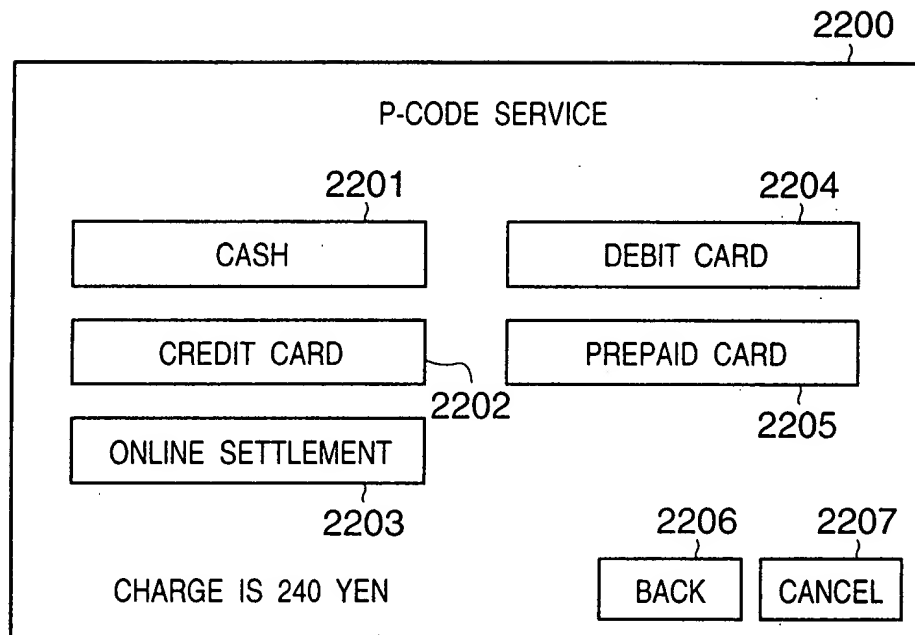


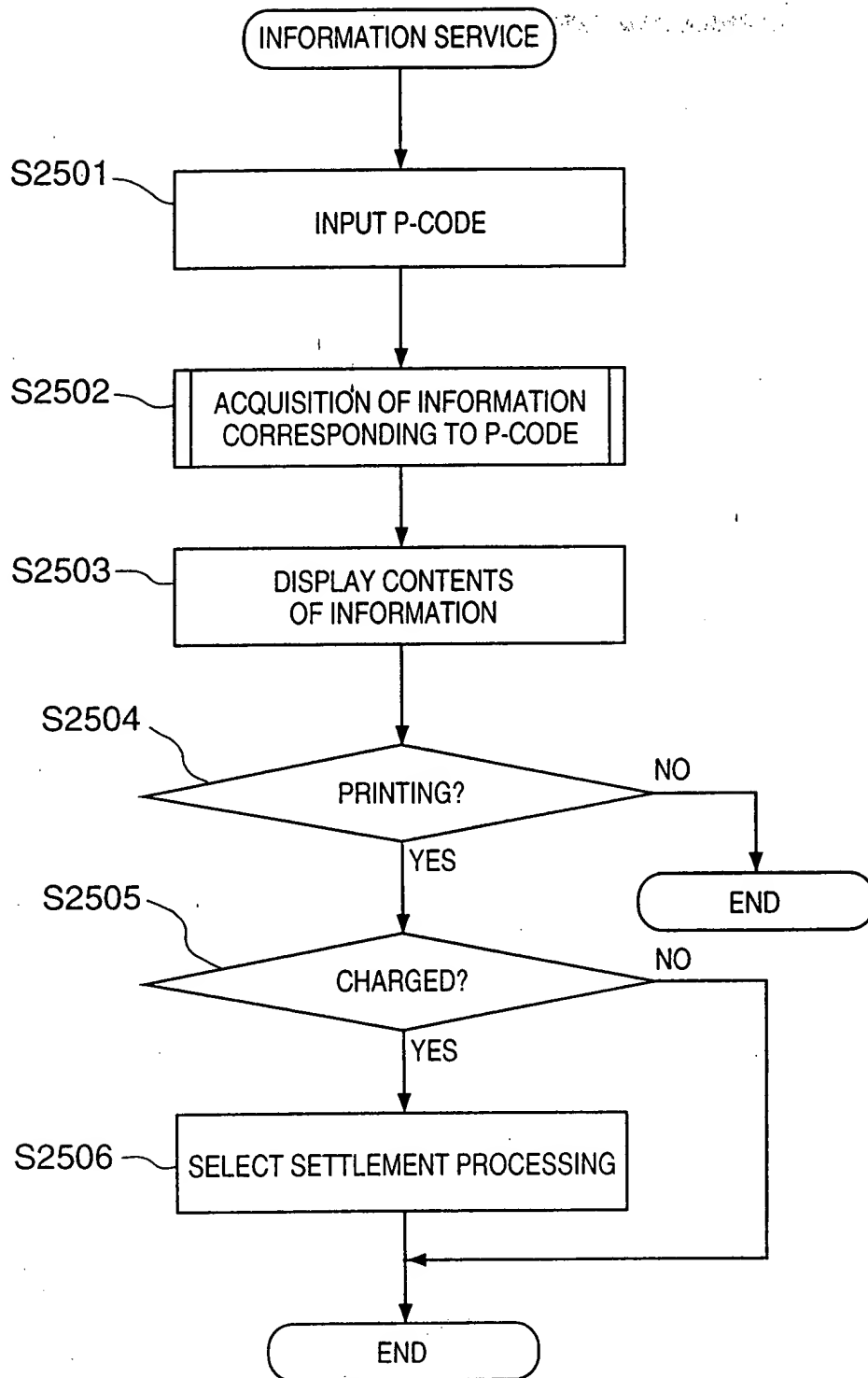
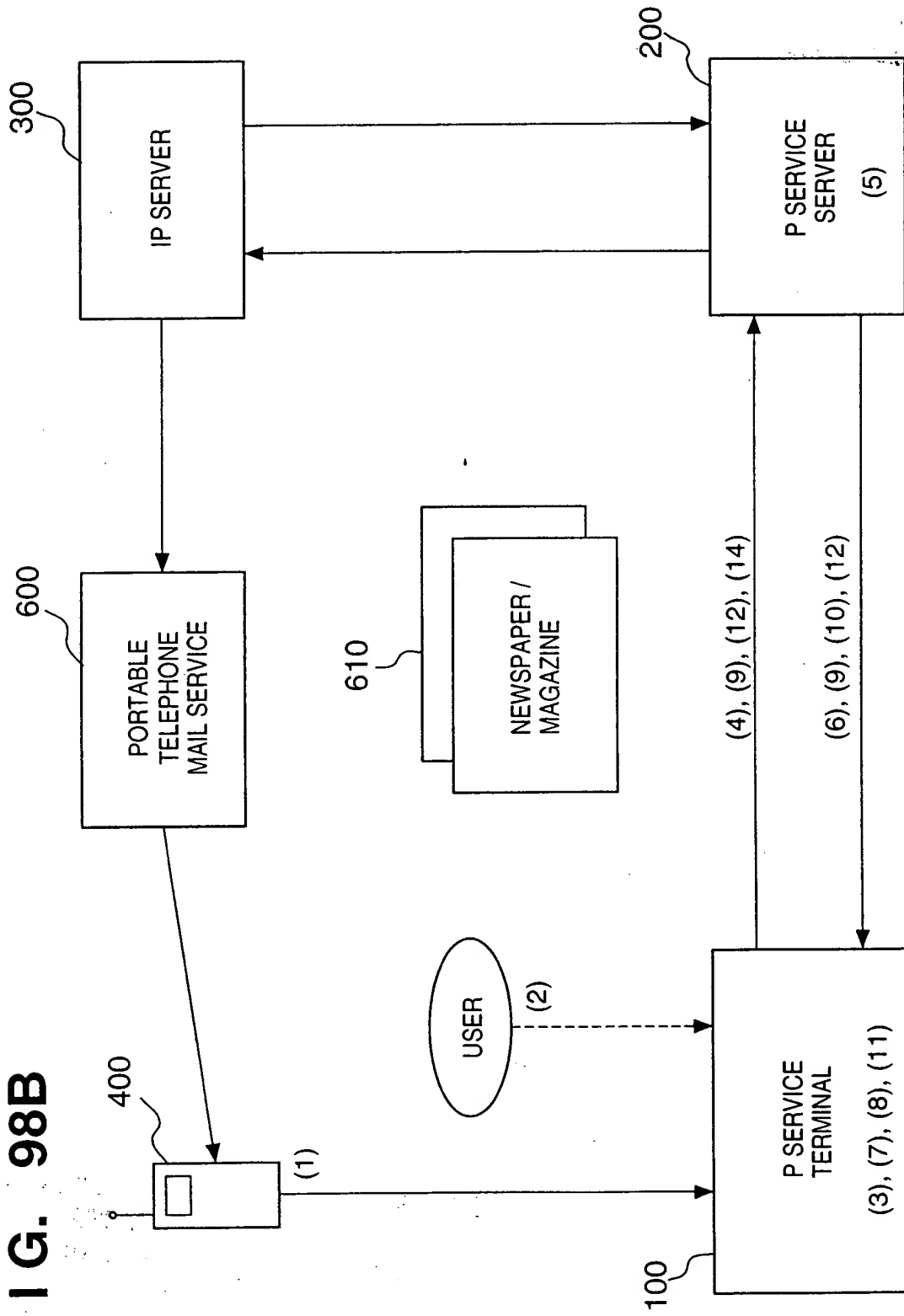
FIG. 98A

FIG. 98B



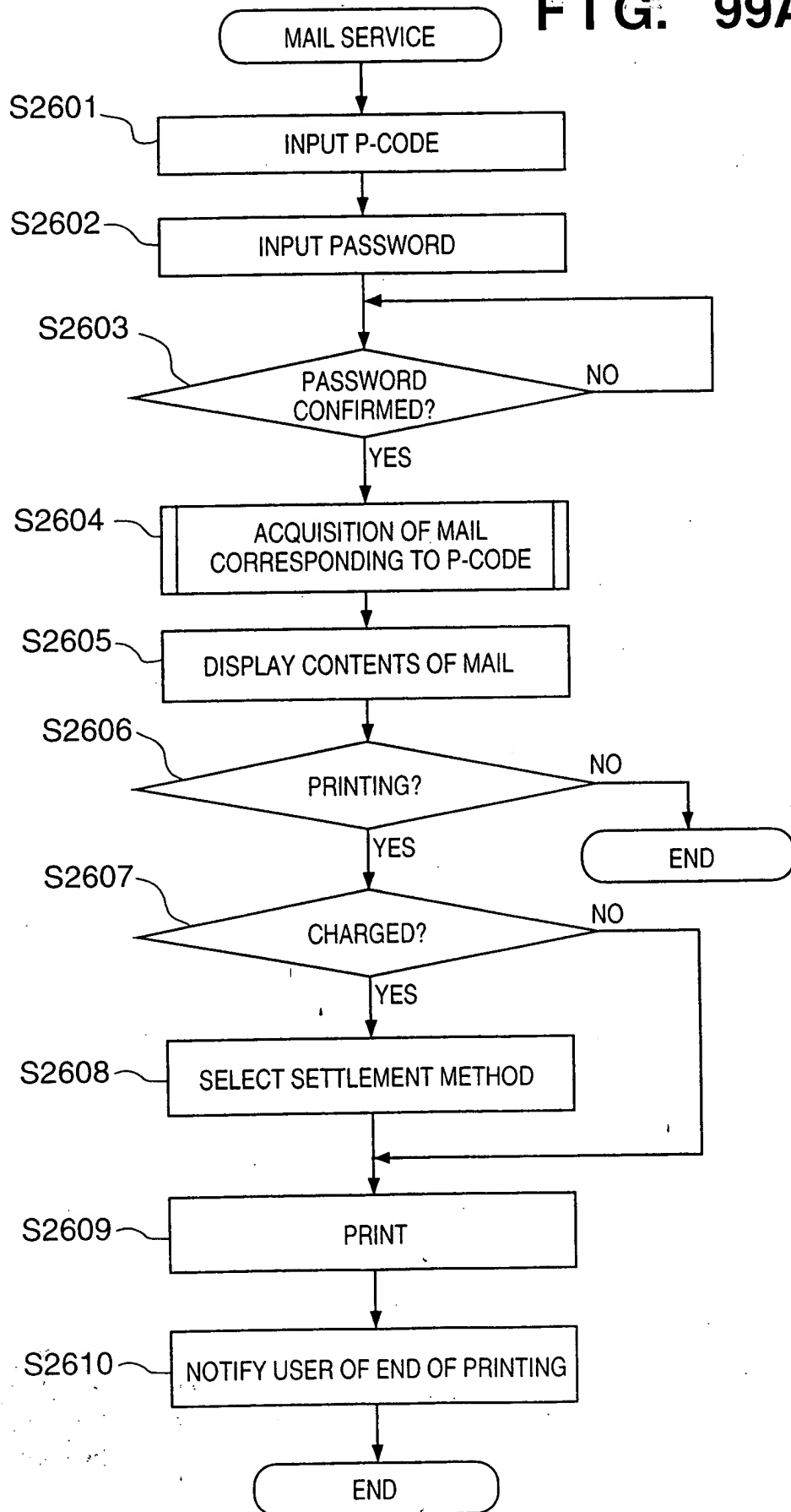


FIG. 99B

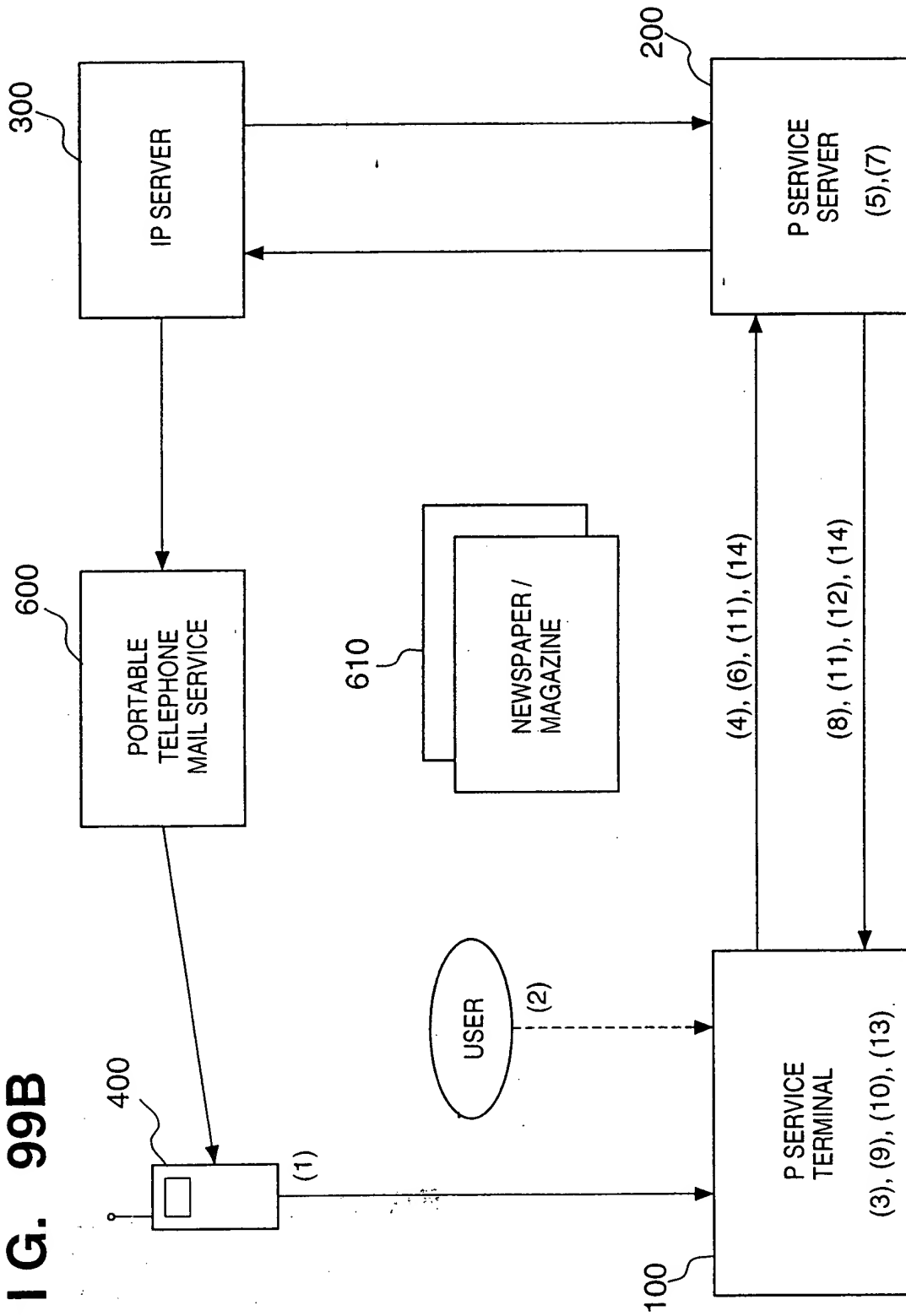
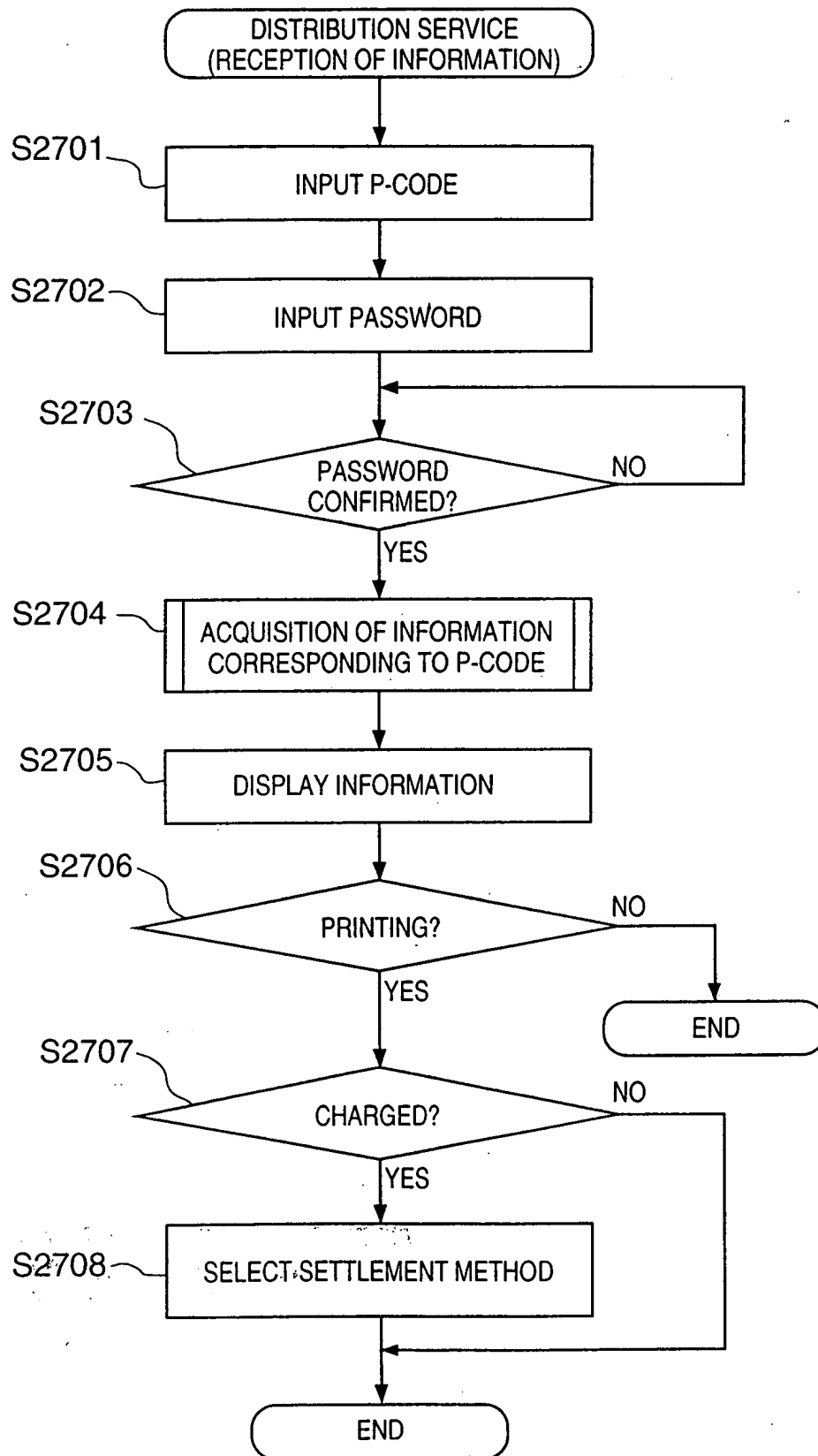


FIG. 100A

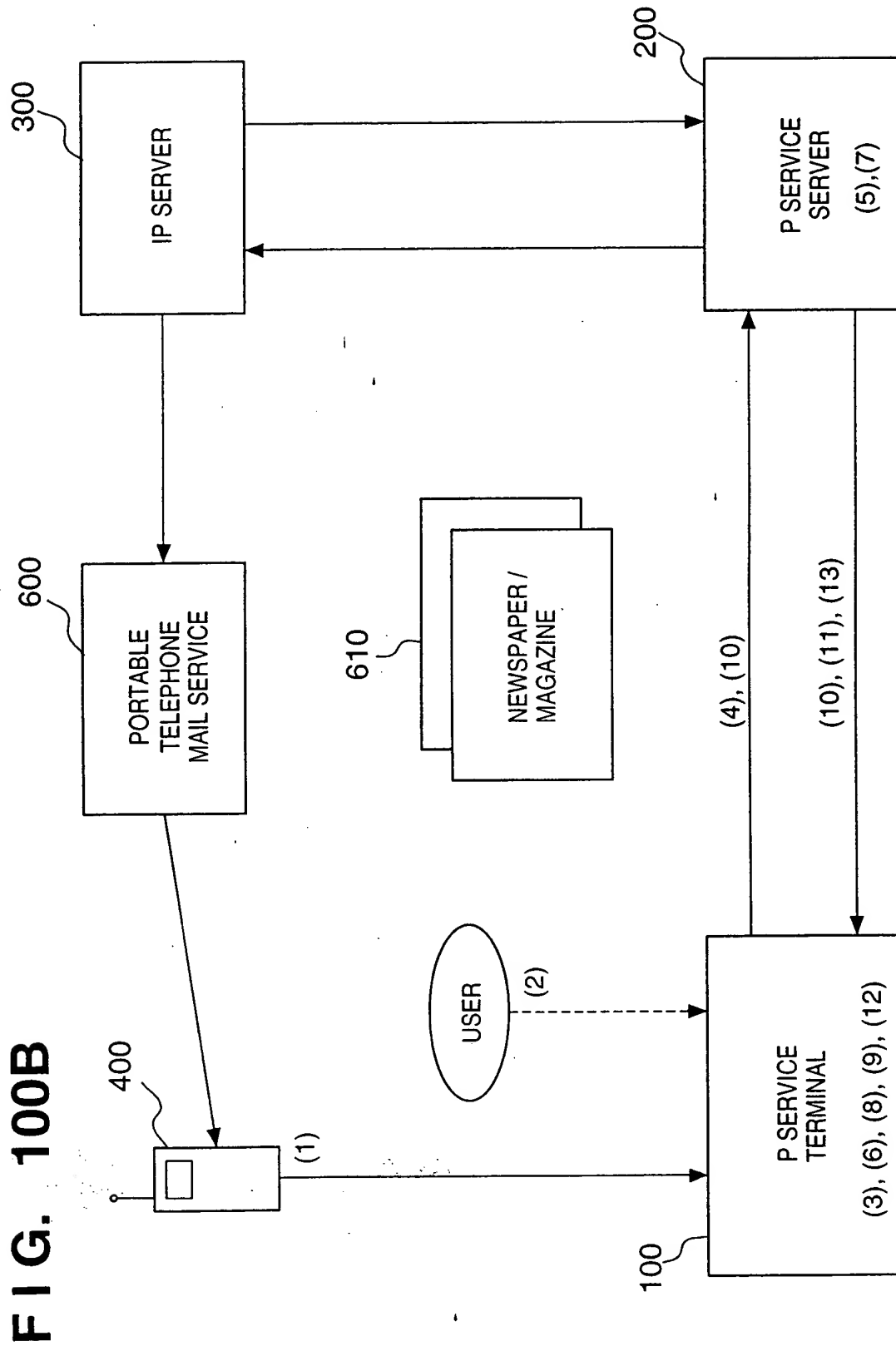


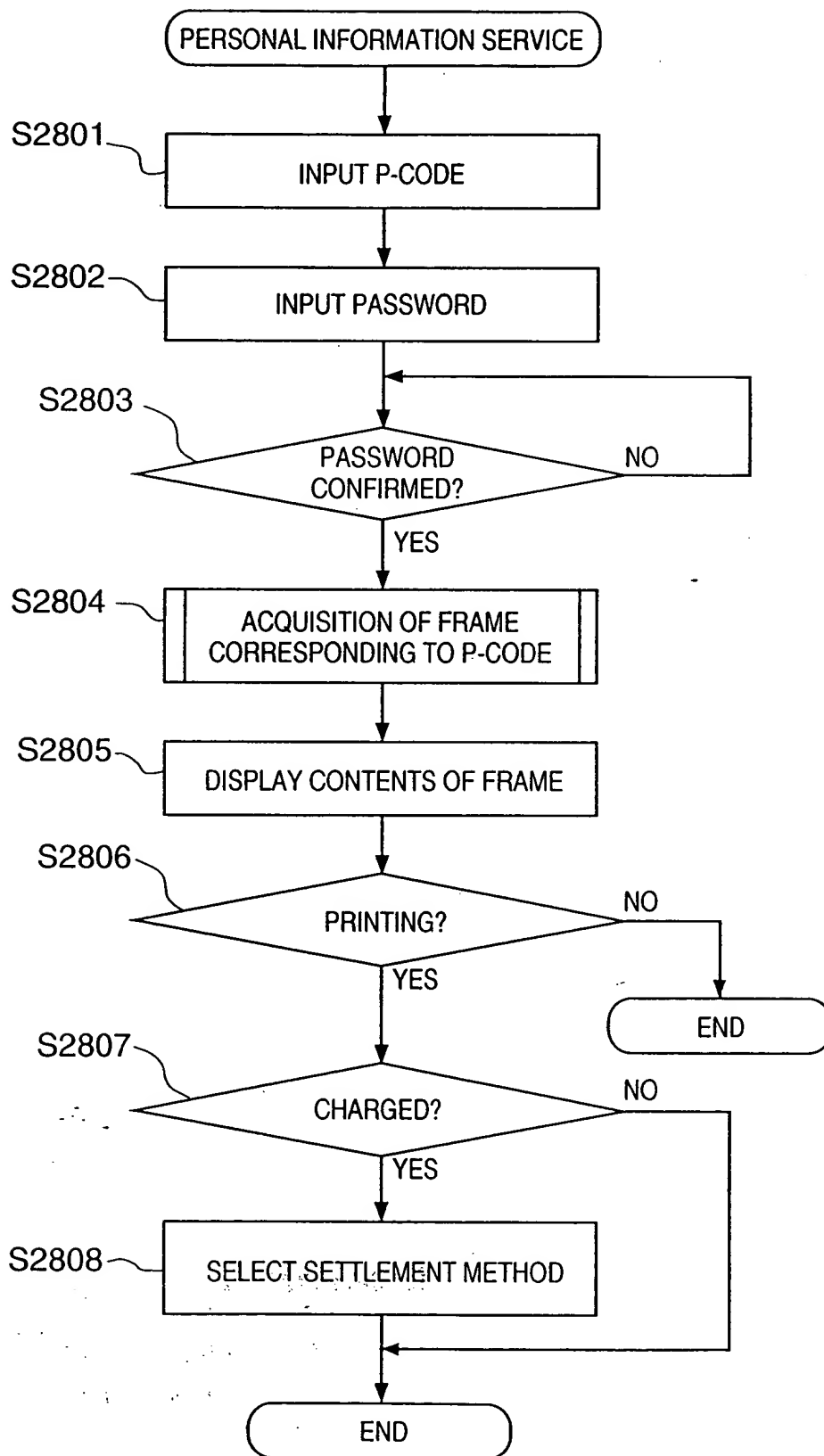
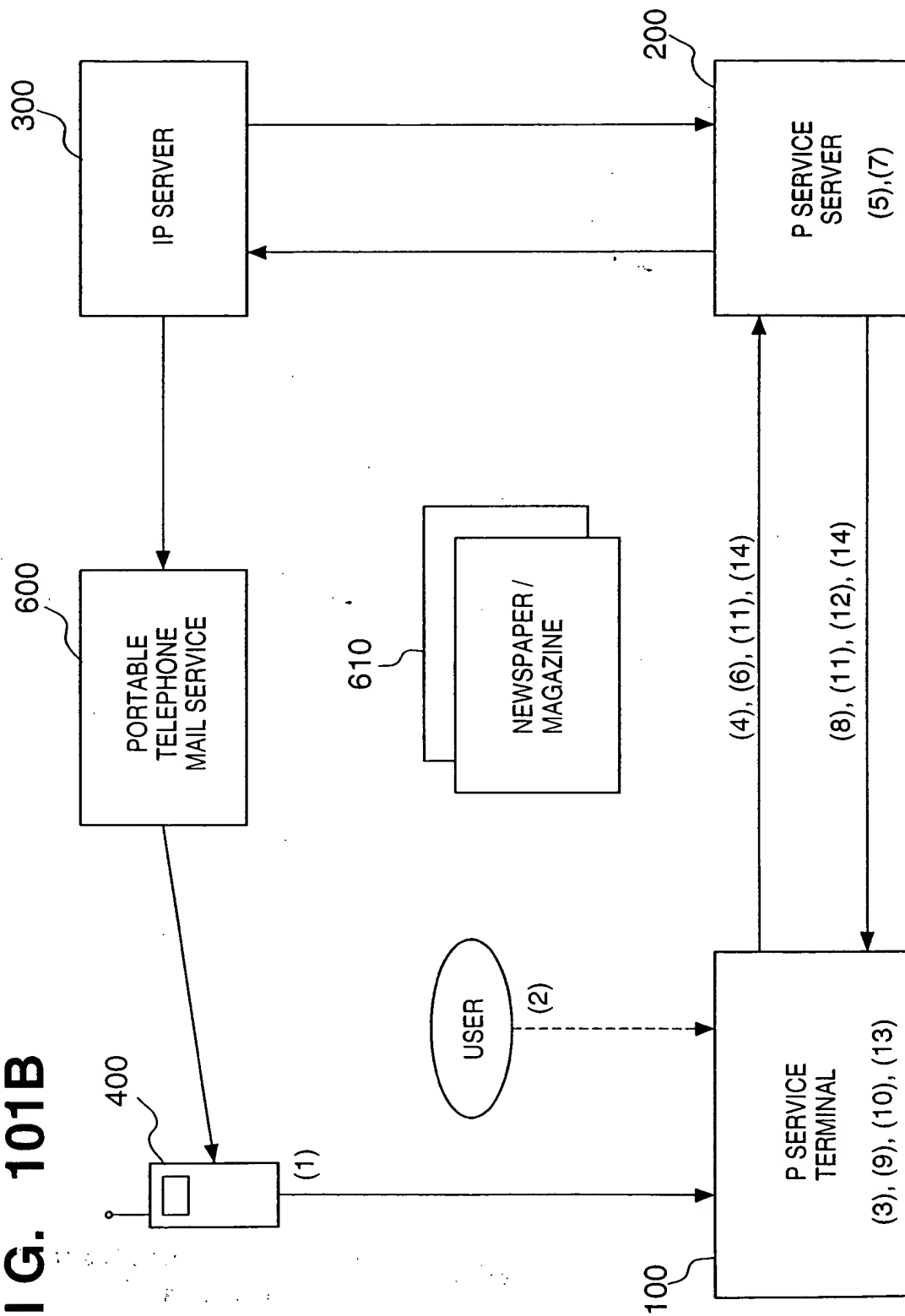
FIG. 101A

FIG. 101B



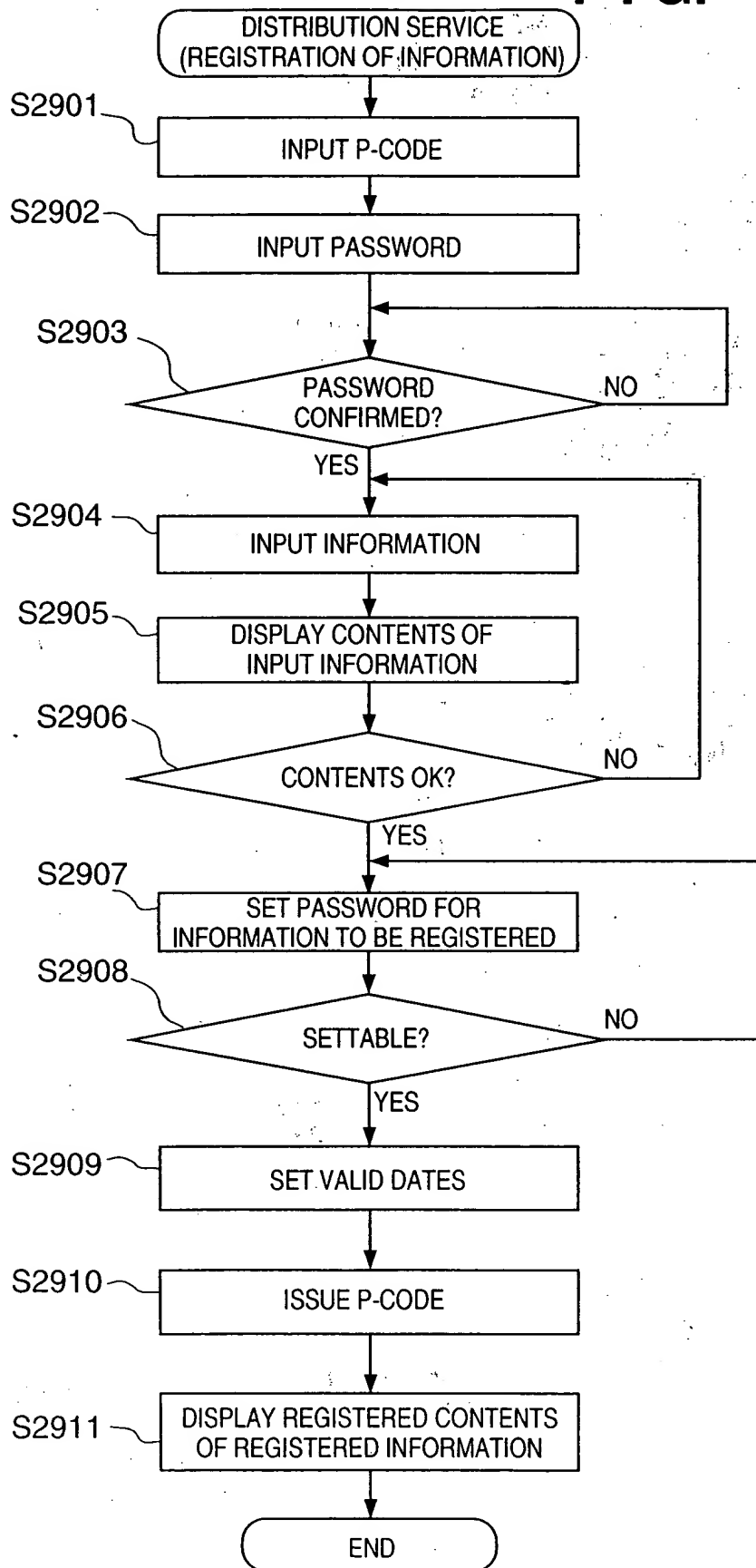


FIG. 102B

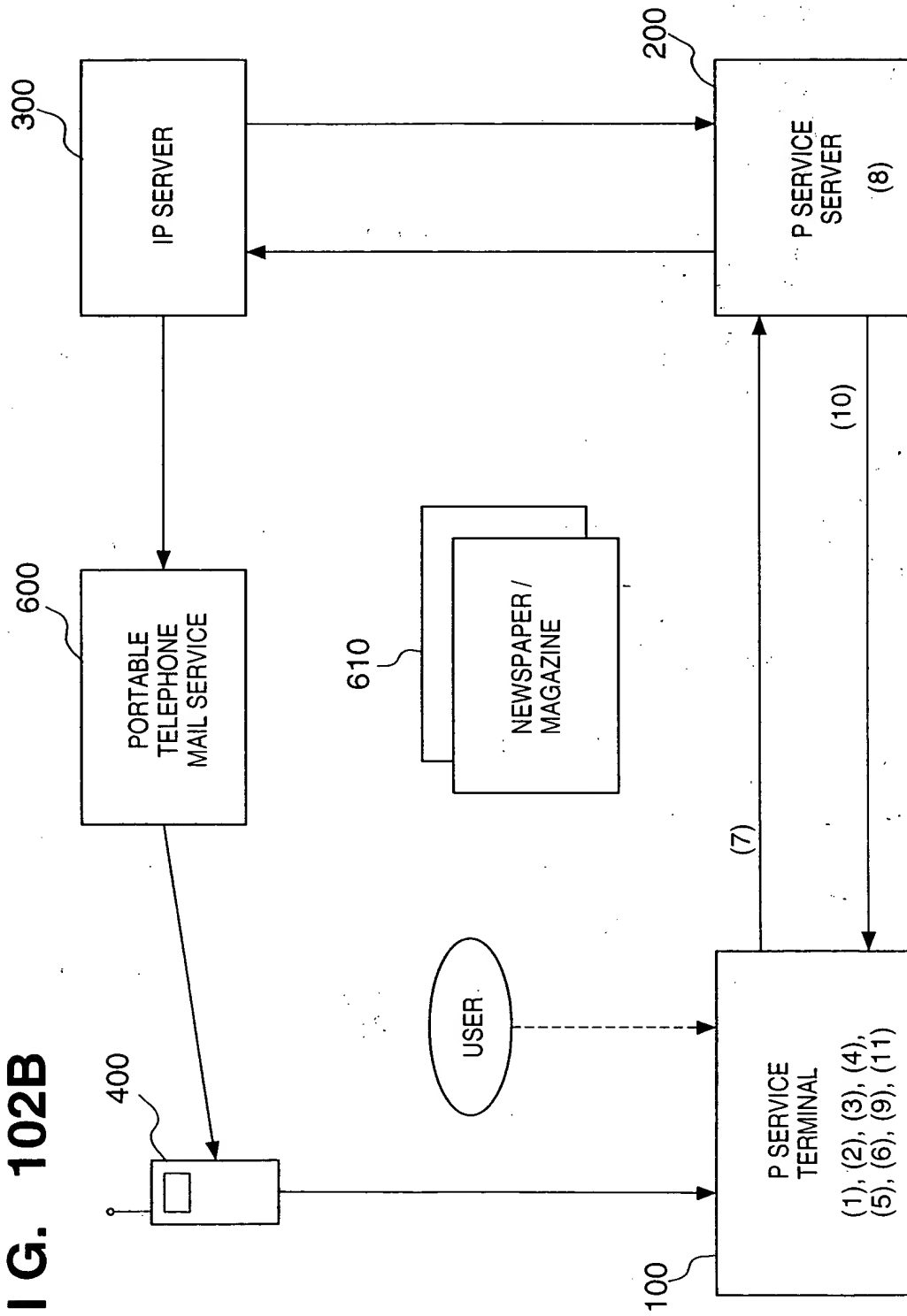


FIG. 103A

ACQUISITION OF IP INFORMATION

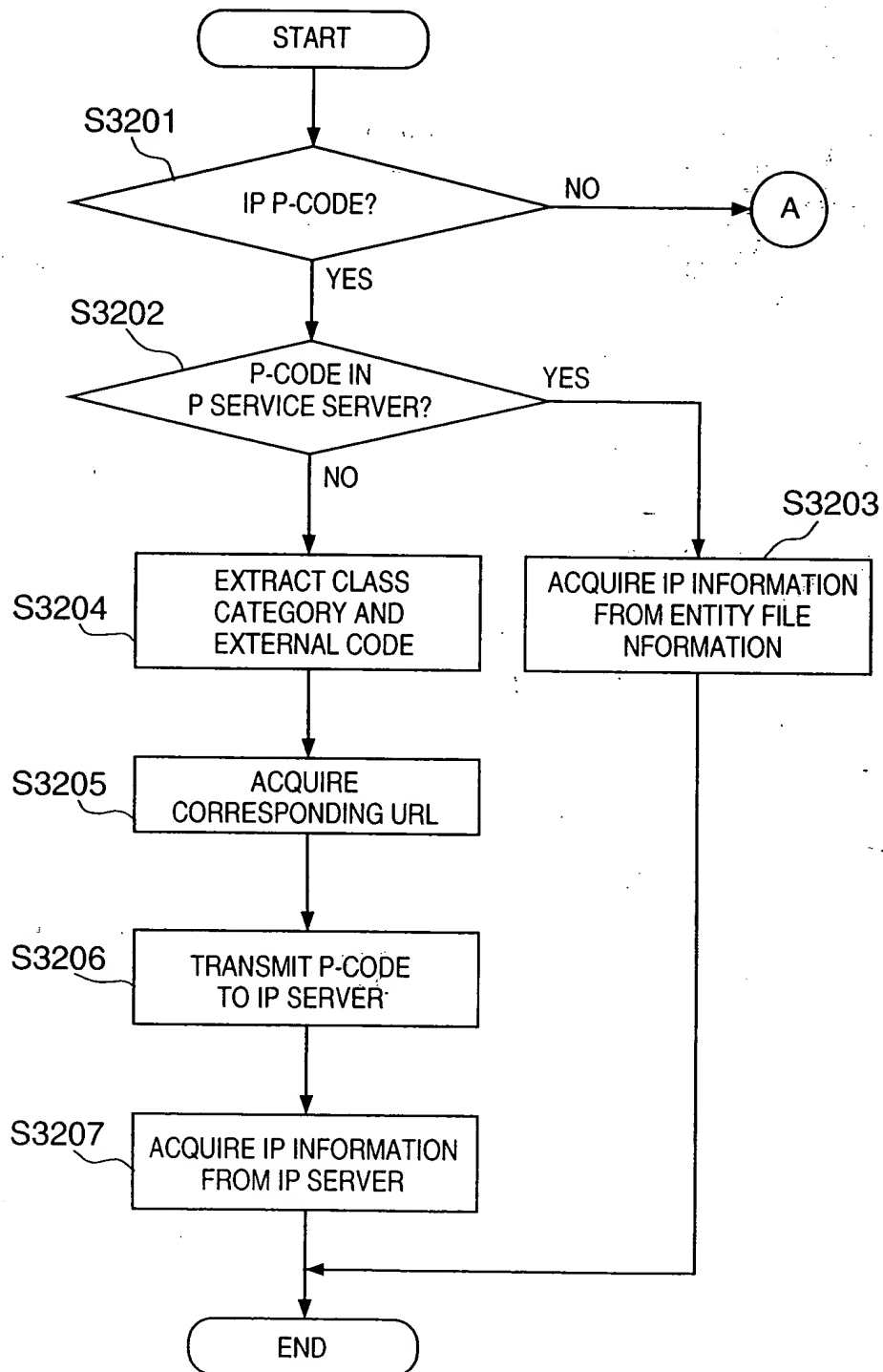


FIG. 103B

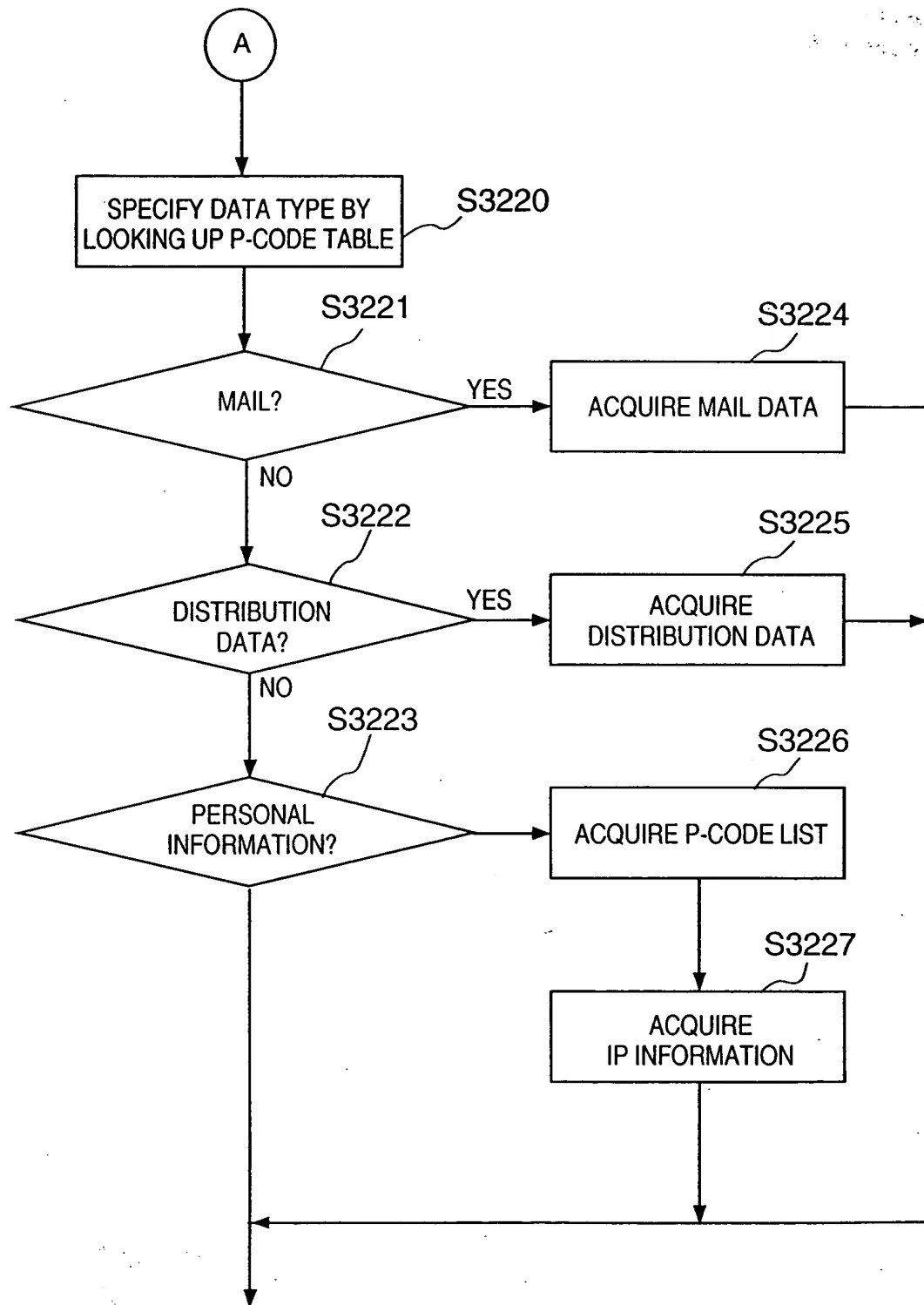


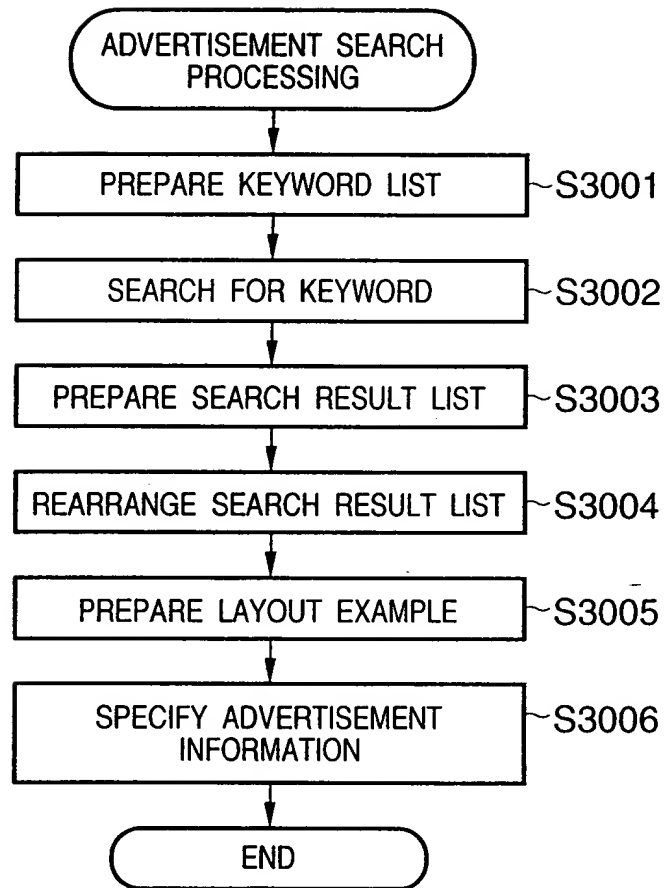
FIG. 104

FIG. 105A

IP INFORMATION LIST	
KEYWORD	WEIGHT
MARRIAGE	+10

FIG. 105B

USER REGISTRATION LIST	
KEYWORD	WEIGHT
TOKYO	+1
25 YEARS OLD	+1

FIG. 105C

P SERVICE TERMINAL LIST	
KEYWORD	WEIGHT
SAITAMA	+1

FIG. 105D

HIGHEST PRIORITY LIST	
KEYWORD	WEIGHT
ADMISSION	+5
CHINESE CUISINE	+4

FIG. 105E

LOWEST PRIORITY LIST	
KEYWORD	WEIGHT
TOKYO	+1
KANAGAWA	+1

FIG. 106A

SEARCH RESULT LIST OF IP INFORMATION LIST			
KEYWORD	WEIGHT	P-CODE	DEGREE OF MATCHING
MARRIAGE	+10	+++	+100
	-5	***	-50
	+3	---	+30
	-4	+ - +	-40
	+7	* - *	+70

FIG. 106B

SEARCH RESULT LIST OF USER REGISTRATION LIST			
KEYWORD	WEIGHT	P-CODE	DEGREE OF MATCHING
TOKYO	+2	@ @ *	+2
	+8	+ - *	+8
	-2	@ + +	-2
25 YEARS OLD	+10	@ * *	+10

FIG. 106C

SEARCH RESULT LIST OF P SERVICE TERMINAL LIST			
KEYWORD	WEIGHT	P-CODE	DEGREE OF MATCHING
SAITAMA	+10	+ + @	+10
	+5	* + +	+5
	-5	@ * @	-5

FIG. 106D

SEARCH RESULT LIST OF HIGHEST PRIORITY LIST			
KEYWORD	WEIGHT	P-CODE	DEGREE OF MATCHING
ADMISSION	+10	+ + /	+50
	+3	* / *	+15
CHINESE CUISINE	+3	% % %	+12
	-4	\$ \$ \$	-16
	+7	% & %	+28

FIG. 106E

SEARCH RESULT LIST OF LOWEST PRIORITY LIST			
KEYWORD	WEIGHT	P-CODE	DEGREE OF MATCHING
TOKYO	+1	+ & +	+1
	-2	* * &	-2
KANAGAWA	+2	\$ - -	+2
	-2	+ - &	-2
	+1	* - &	+1

FIG. 107A

SEARCH RESULT LIST OF IP INFORMATION LIST			
KEYWORD	WEIGHT	P-CODE	DEGREE OF MATCHING
MARRIAGE	+7	* - *	+85
	+10	+ - +	+80
	+3	- - -	+30
	-5	* * *	-30
	-4	+ - +	-45

FIG. 107B

SEARCH RESULT LIST OF USER REGISTRATION LIST			
KEYWORD	WEIGHT	P-CODE	DEGREE OF MATCHING
TOKYO	+8	+ - *	+10
	-2	@ + +	+0
	+2	@ @ +	-1
25 YEARS OLD	+10	@ * *	+10

FIG. 107C

SEARCH RESULT LIST OF P SERVICE TERMINAL LIST			
KEYWORD	WEIGHT	P-CODE	DEGREE OF MATCHING
SAITAMA	+10	+ + @	+15
	+5	* + +	+3
	-5	@ * @	-8

FIG. 107D

SEARCH RESULT LIST OF HIGHEST PRIORITY LIST			
KEYWORD	WEIGHT	P-CODE	DEGREE OF MATCHING
ADMISSION	+10	+ + /	+40
	+3	* / *	+10
CHINESE CUISINE	+7	% & %	+25
	+3	% % %	+20
	-4	\$ \$ \$	-5

FIG. 107E

SEARCH RESULT LIST OF LOWEST PRIORITY LIST			
KEYWORD	WEIGHT	P-CODE	DEGREE OF MATCHING
TOKYO	-2	* * &	+4
	+1	+ & +	-5
KANAGAWA	+2	\$ - -	+10
	-2	+ - &	-1
	+1	* - \$	-5

FIG. 108

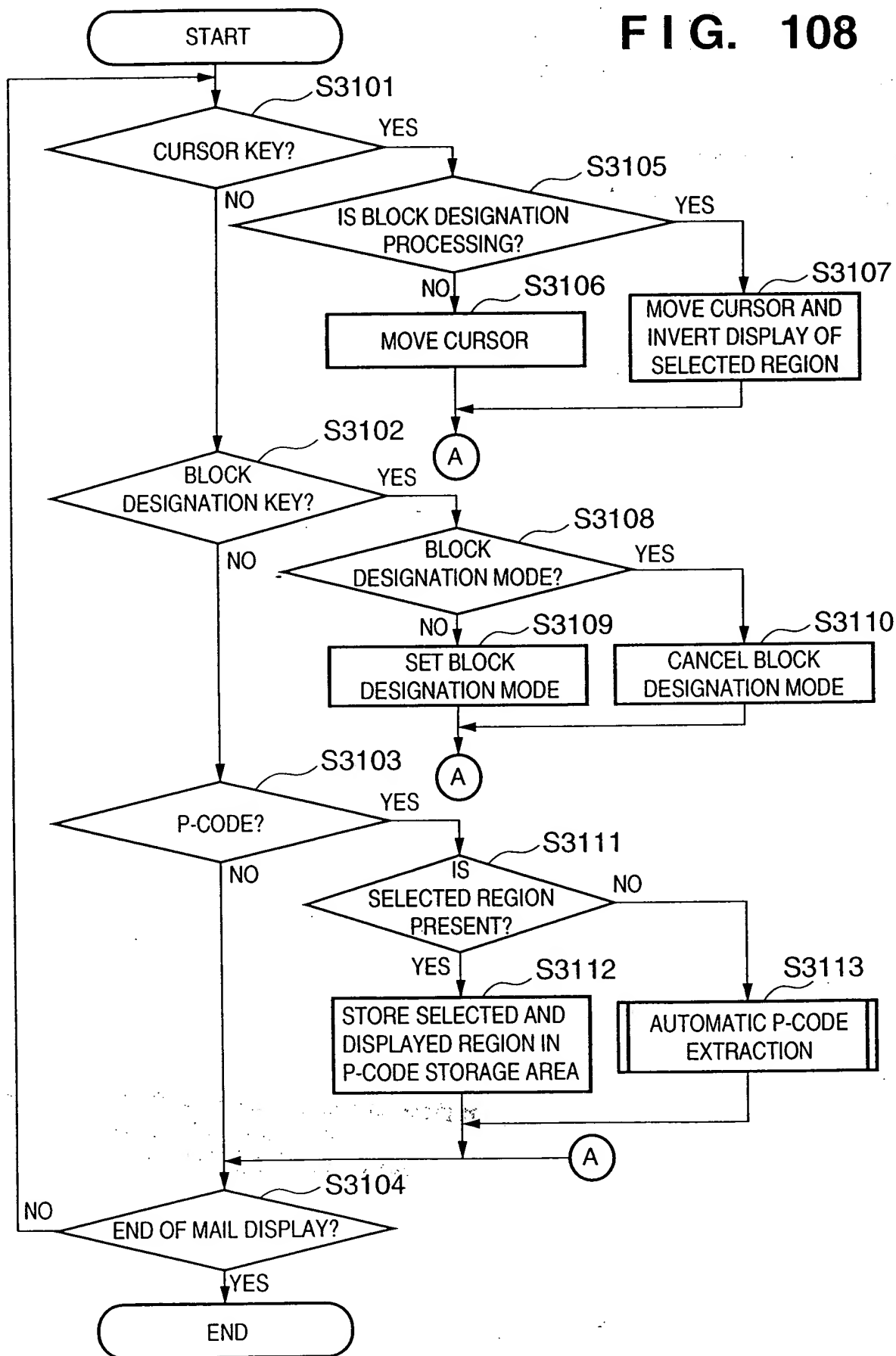
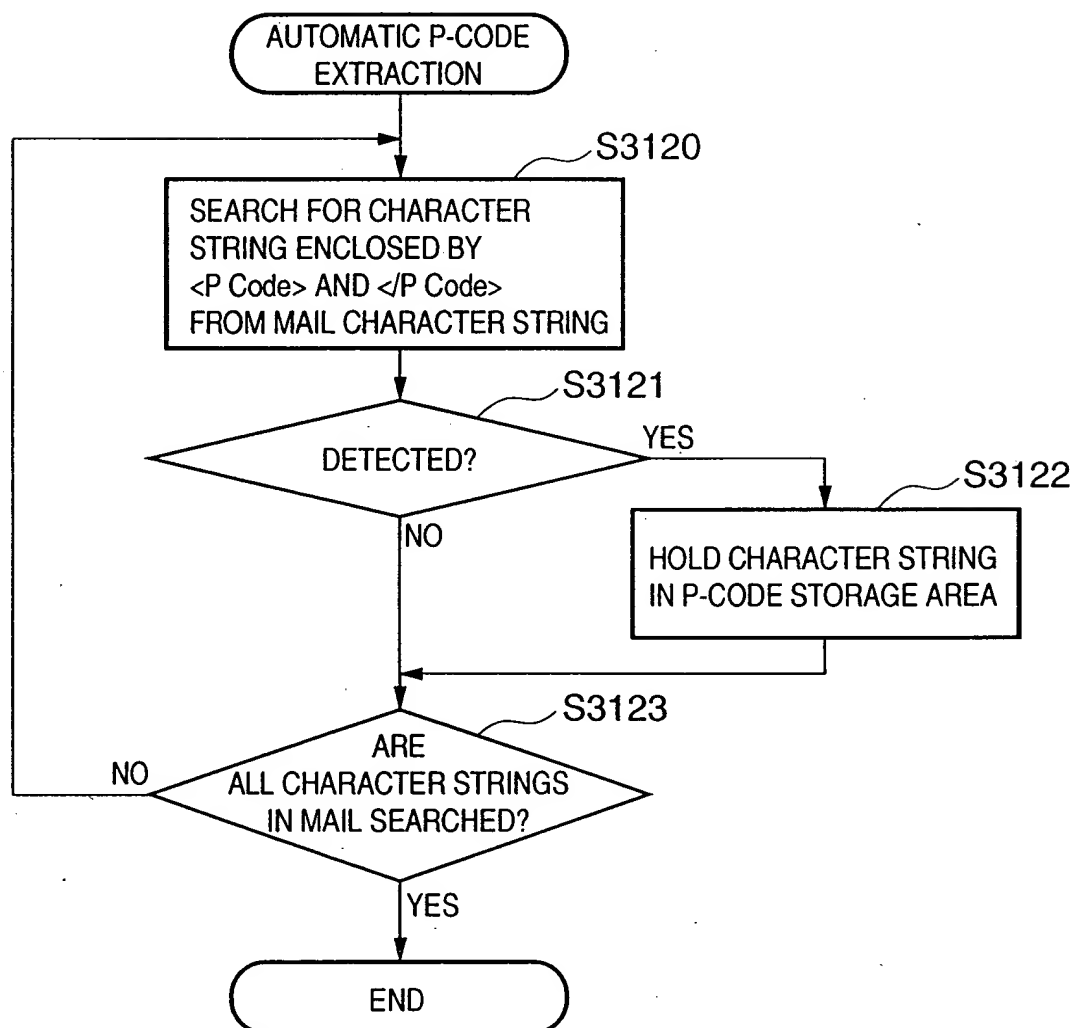


FIG. 109

MAIL UNDER DISPLAY AND AUTOMATIC P-CODE EXTRACTION



P-CODE TRANSMISSION FUNCTION

FIG. 110

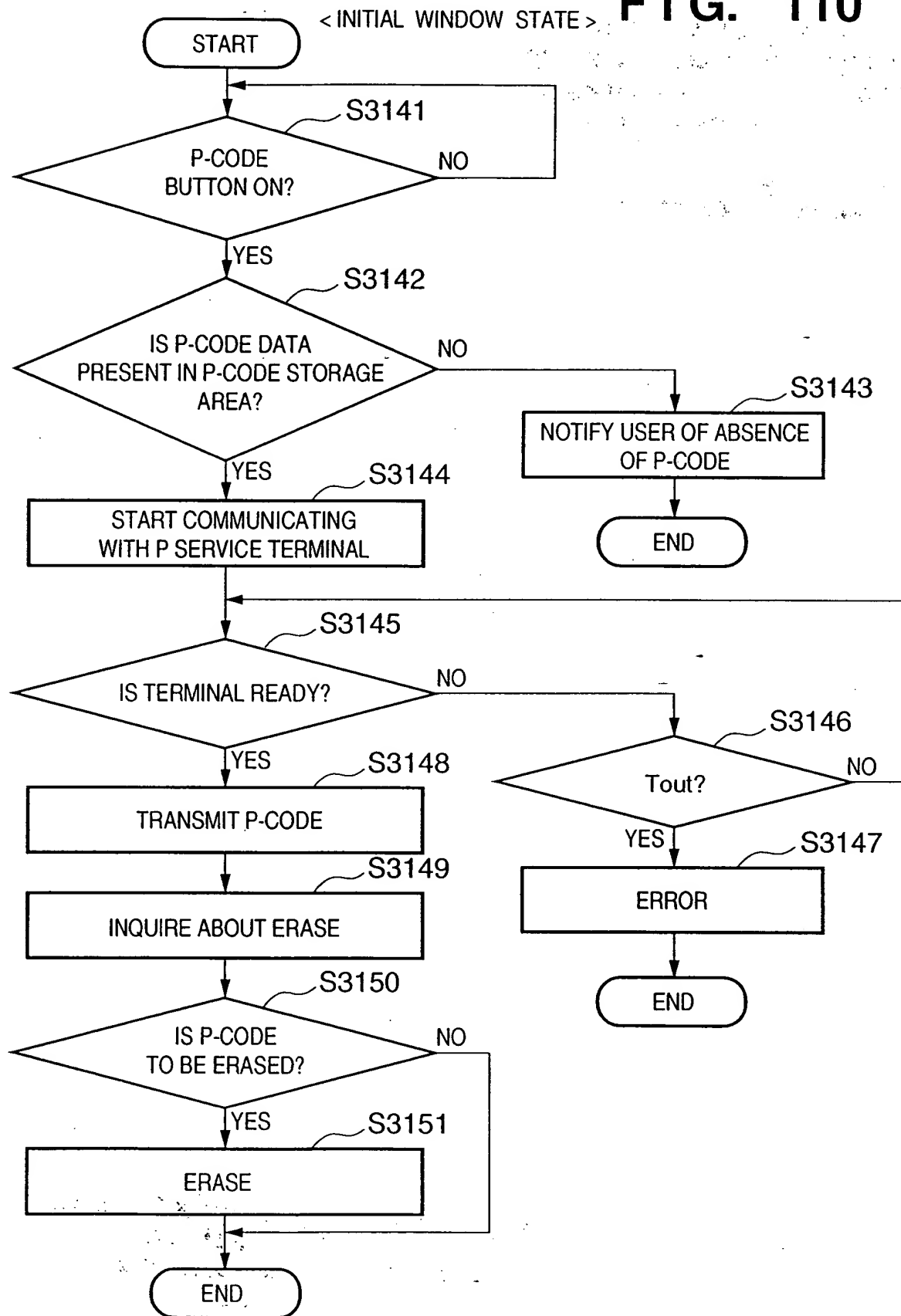


FIG. 111

